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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,717,751
2,723,602
2,734,039
2,757,394
2,778,499

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,717,751
2,723,602
2,734,039
2,757,394
2,778,499

2,953,597

2,953,597

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - cuxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 11, 2017 contains applications open to public inspection from June 25, 2017 to July 1, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 11 juillet 2017 contient les demandes disponibles au public pour consultation pour la période du 25 juin 2017 au 1 juillet 2017.

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[54] **ENZYME TREATMENT OF FOODSTUFFS FOR CELIAC SPRUE**
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[54] **MUCIN HYPERSECRETION INHIBITORS BASED ON THE STRUCTURE OF MANS-RELATED PEPTIDES AND METHODS OF USE**
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[73] GENERAL ELECTRIC COMPANY, US
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[73] BOCCI DESIGN & MANUFACTURING INC., CA
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[54] **GRANULE UTILISE POUR LA FORMULATION DE COMPRIMES ORODISPERSIBLES**
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[72] BOSCHETTI, SILVIA, IT
[72] ANDREATTA, PAOLO, IT
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[73] TRUTH HARDWARE CORPORATION, US
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[54] **SYSTEME D'ENTRAINEMENT NOVATEUR CONNEXE A UN DISPOSITIF D'ADMINISTRATION D'INSULINE**
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[73] ANIMAS CORPORATION, US
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[54] **SYSTEM AND METHOD FOR MAKING TAPERED LOOPED SUTURE**
[54] **SYSTEME ET METHODE DE REALISATION D'UNE SUTURE EN BOUCLE TRONCONIQUE**
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[72] KOSA, TIMOTHY, US
[72] BUCHTER, MARK, US
[72] KROEBER, KEITH, US
[72] HART, RICHARD CASEY, US
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[54] **SYSTEME DE BOITE D'EXPEDITION-PRESENTOIR POUR PRESENTATION SUR UNE ETAGERE**
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[73] ROCK-TENN SHARED SERVICES, LLC, US
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[54] **SYSTEME DE DIRECTION D'UN MOTEUR DE PECHE A LA TRAINE**
[72] MYNSTER, RICHARD J., US
[73] RM INDUSTRIES, INC., US
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[54] **METHOD AND SYSTEM TO MEASURE THE CONCENTRATION OF CONSTITUENT ELEMENTS IN AN INHOMOGENEOUS MATERIAL USING LIBS**
[54] **PROCEDE ET SYSTEME DE MESURE DE LA CONCENTRATION DES COMPOSANTS DANS UN MATERIAU NON HOMOGENE PAR LIBS**
[72] LEVESQUE, MARC, CA
[72] COURNOYER, ALAIN, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
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[72] SCHULTZ, MELANIE, DE
[72] BLAUKAT, ANDREE, DE
[72] KOBER, INGO, DE
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[54] **FACTOR INVOLVED IN LATENT INFECTION WITH HERPESVIRUS, AND USE THEREOF**
[54] **FACTEUR IMPLIQUE DANS L'INFECTION LATENTE PAR LE VIRUS DE L'HERPES, ET SON UTILISATION**
[72] KONDO, KAZUHIRO, JP
[72] KOBAYASHI, NOBUYUKI, JP
[73] VIRUS IKAGAKU KENKYUSHO INC., JP
[73] JAPAN TOBACCO, INC., JP
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[54] **SPECTROSCOPIE A NEUTRONS RAPIDES UTILISANT DES REACTIONS DES PARTICULES CHARGEES INDUITES PAR DES NEUTRONS**
[72] ACHTZEHN, TOBIAS, CA
[72] ANDREWS, HUGH ROBERT, CA
[72] CLIFFORD, EDWARD THOMAS HOMFRAY, CA
[72] ING, HARRY, CA
[72] KOVALTCHOUK, VITALY, CA
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[54] **OBJECTIF DE TYPE TELEOBJECTIF AYANT UNE LENTILLE LIQUIDE DANS UN GROUPE FIXE**
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[72] NEIL, IAIN A., CH
[73] BLACKEYE OPTICS, LLC, US
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[54] **GANT A A MANCHETTE FLEXIBLE MUNIE D'ORIFICES DE VENTILATION INTEGRES**
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[72] ARMSTRONG, DANIEL R., US
[72] TINSTMAN, MICHAEL, US
[73] ADIDAS AG, DE
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[54] **APPAREIL D'AGRAFAGE CHIRURGICAL**
[72] MARCZYK, STANISLAW, US
[72] PRIBANIC, RUSSELL, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **DETERMINATION DE LA DUREE DE VIE RESIDUELLE D'UN ELEMENT DE VEHICULE**
[72] BIEKER, GUIDO, DE
[72] HECKMANN, RALF, DE
[72] BAERT, MIKE, BE
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[54] **PROCEDE ET SYSTEME POUR DESENTRELACER DES SIGNAUX**
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[72] ANDERSON, BRIAN, AU
[72] YU, CHANGBIN, AU
[73] NATIONAL ICT AUSTRALIA LIMITED, AU
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[54] **INHIBITEURS A BASE DE NAPHTALENE DE PROTEINES ANTI-APOPTOTIQUES**
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[73] BURNHAM INSTITUTE OF MEDICAL RESEARCH, US
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[54] **CONCENTRES DE CAFE LIQUIDES ET METHODES DE PREPARATION CONNEXES**
[72] TONYES, HENRY, US
[72] SEEMUNGAL, ANNESA, US
[72] BRESNAHAN, DAVID, US
[72] DESANTO, RICHARD, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD**
[54] **DENOMBREMENT ET CARACTERISATION AUTOMATISES DE CELLULES DE MELANOME CIRCULANTES DANS LE SANG**
[72] CONNELLY, MARK CARLE, US
[72] RAO, GALLA CHANDRA, US
[72] TERSTAPPEN, LEON WMM, NL
[73] VERIDEX, LLC, US
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[54] **COMPOSITIONS PHARMACEUTIQUES DESTINEES A TRAITER LA DEPRESSION ET L'ANXIETE**
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[54] **FEUILLE ABSORBANTE INCORPORANT DES MICROFIBRES DE CELLULOSE REGENEREES**
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[72] MILLER, JOSEPH H., US
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[54] **EOLIENNE DOTEE D'UN DISPOSITIF DE CONTROLE D'ECOULEMENT ET METHODE D'OPTIMISATION DE PRODUCTION D'ENERGIE INTEGREE**
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[72] WILLEY, LAWRENCE D., US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SURGICAL INSTRUMENT WITH SAFETY MECHANISM**
[54] **INSTRUMENT CHIRURGICAL AVEC MECANISME DE SURETE**
[72] MILLIMAN, KEITH, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **SYSTEME ET PROCEDE A BASE DE PAVES POUR COMPRESSER UNE VIDEO**
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[72] PERLMAN, STEPHEN G., US
[73] SONY COMPUTER ENTERTAINMENT AMERICA LLC, US
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[73] ARCHITECTURAL & METAL SYSTEMS LIMITED, IE
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[54] **JOINT D'ETANCHEITE AVEC BAGUE D'ARRET RIGIDE.**
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[72] MADARA, SCOTT D., US
[72] SOLOE, THOMAS M., US
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[54] **COMPOSES POUR LE TRAITEMENT DES DENTS SENSIBLES**
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[73] MCNEIL-PPC, INC., US
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[54] **PROCEDE POUR LIRE DES ATTRIBUTS D'UN JETON D'IDENTIFICATION**
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[72] BYSZIO, FRANK, DE
[72] PAESCHKE, MANFRED, DE
[73] BUNDESDRUCKEREI GMBH, DE
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[54] **PROCEDE ET APPAREIL DE SELECTION DU POINT D'ENLEVEMENT EN FONCTION DE LA LOCALISATION D'UN CLIENT**
[72] MALLICK, MARTYN, CA
[72] SMITH, CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDES DE DETERMINATION DU RISQUE DE COMPLICATIONS PRENATALES**
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[72] AHOLA, TARJA, FI
[72] NICOLAIDES, KYPROS, GB
[72] POON, LEONA, GB
[73] THE FETAL MEDICINE FOUNDATION, GB
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[54] **COMPOSITION EDULCORANTE**
[72] WILD, HANS-PETER, DE
[72] SALOM, RAFAEL, ES
[72] SATTLER, ROBERT, DE
[73] RUDOLF WILD GMBH & CO. KG, DE
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[54] **SURGICAL INSTRUMENT AND LOADING UNIT FOR USE THEREWITH**
[54] **INSTRUMENT CHIRURGICAL ET APPAREIL DE CHARGEMENT POUR UTILISATION DE L'INSTRUMENT EN QUESTION**
[72] FARASCIONI, DAVID, US
[72] KASVIKIS, DINO, US
[72] SCIRICA, PAUL A., US
[72] RACENET, DANYEL, US
[72] ROBBINS, MICHAEL, US
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[54] **SENSING COIL AND SENSING UNIT FOR SAGNAC OPTICAL FIBRE CURRENT SENSOR**
[54] **ENROULEMENT DE DETECTION ET UNITE DE DETECTION POUR CAPTEUR DE COURANT A FIBRE OPTIQUE DE SAGNAC**
[72] HAYWOOD, JOHN, AU
[73] SMART DIGITAL OPTICS PTY LIMITED, AU
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[54] **TRANSFERT D'ENERGIE DE PLANS DE TRAVAIL**
[72] BYRNE, NORMAN R., US
[72] KNAPP, ROBERT L., US
[72] WARWICK, TIMOTHY, US
[73] BYRNE ELECTRICAL SPECIALISTS, INC., US
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[54] **SYSTEME DE REFORMAGE D'HYDROCARBURES AROMATIQUES PRODUISANT DU NAPHTA ET METHODE A CET EFFET**
[72] DING, RANFENG, CN
[73] BEIJING GRAND GOLDEN-BRIGHT ENGINEERING & TECHNOLOGIES CO., LTD, CN
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[73] LACERTA TECHNOLOGIES INC., US
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[72] PFEIL, ARMIN, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
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[54] **DISPOSITIFS OPTOELECTRONIQUES ET ELECTRONIQUES A EFFET DE CHAMP DOTES D'UN SUBSTRAT A BASE DE PAPIER ET PROCEDE DE FABRICATION ASSOCIE**
[72] FERRAO DE PAIVA MARTINS, RODRIGO, PT
[72] CORREIA FORTUNATO, ELVIRA MARIA, PT
[73] FACULDADE DE CIENCIAS E TECNOLOGIA DA UNIVERSIDADE NOVA DE LISBOA, PT
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[73] KOCHI UNIVERSITY, JP
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[72] NAPIORKOWSKI, JOHN J., US
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[73] ALFA LAVAL CORPORATE AB, SE
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[54] **PROCEDES ET SYSTEMES DE DEPLOIEMENT DE RIDEAUX**
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[72] BOSCHIN, FERNANDO, BR
[72] BRUSQUE, JOAO PAULO DA COSTA, BR
[72] CARVALHO, MARCELO DE FRAGA, BR
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[54] **MESURE A RUBAN ET CROCHET D'EXTREMITE CONNEXE**
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[72] COOK, VINCENT, US
[72] MURRAY, JOHN, US
[73] STANLEY BLACK & DECKER INC., US
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[54] **SOURCES D'IONS A MODES DE FONCTIONNEMENT SIMPLE ET MULTIPLE POUR IONISATION CHIMIQUE A PRESSION ATMOSPHERIQUE**
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[73] CONVATEC TECHNOLOGIES INC., US
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[54] **PROCEDES DE SEQUESTRATION DE DIOXYDE DE CARBONE DANS DES ALCOOLS PAR GAZEIFICATION ET FERMENTATION**
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[54] **UTLISATION D'ANTIGENES DU CYTOMEGALOVIRUS HUMAIN POUR AMELIORER LES REPONSES IMMUNITAIRES AUX CELLULES CANCEREUSES**
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[72] MITCHELL, DUANE A., US
[73] DUKE UNIVERSITY, US
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[54] **ELIMINATION DE LA MYOGLOBINE PRESENTE DANS LE SANG ET/OU D'AUTRES LIQUIDES PHYSIOLOGIQUES**
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[54] **IMPLANT AVEC STRUCTURE DE FIXATION D'UNE PARTIE POREUSE**
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[72] ESFAHANI, MOJTABA, US
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[54] **COMMUTATEUR SANS CONTACT SECURISE**
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[73] HONEYWELL INTERNATIONAL INC., US
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[73] LABORATOIRES CLARINS, FR
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[54] **PROCEDE ET APPAREIL CONCU POUR REDUIRE LA CONSOMMATION D'ENERGIE DE MISE AU POINT AUTOMATIQUE CONTINUE**
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[72] ROBINSON, JAMES ALEXANDER, CA
[72] PURDY, MICHAEL LORNE, CA
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[72] MEYER, JUERGEN, DE
[72] BERGFRIED, STEFAN, DE
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[73] BLACKBERRY LIMITED, CA
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[72] LAMONTAGNE, MARC, CA
[72] LANDRY, MICHEL, CA
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[73] HONEYWELL INTERNATIONAL INC., US
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[72] SHIRLEY, BRAD, US
[72] DEFAUW, LARRY, US
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[54] **ENCHAINEMENT INTEGRE DE PROCEDES D'EXTRACTION ET DE TRAITEMENT D'UN BRUT EXTRA LOURD OU BITUMEUX AVEC CAPTAGE DE CO2**
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[72] HOTEIT, ALI, FR
[72] FORRET, ANN, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **TERMINAL DE PAIEMENT UTILISANT UN DISPOSITIF DE COMMUNICATION MOBILE, TEL QU'UN TELEPHONE MOBILE, PROCEDE DE TRANSACTION DE PAIEMENT PAR DEBIT DIRECT**
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[72] RIFFELMACHER, DAVID ALAN, CZ
[73] SMK-LOGOMOTION CORPORATION, JP
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[54] **PROCEDE DE TRAITEMENT DE L'EAU PAR LE DIOXYDE DE CHLORE ET DE SYSTEMES AQUEUX DANS DES CANALISATIONS**
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[73] INFRACOR GMBH, DE
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[54] **PROCEDE POUR LA PREPARATION DE COMPOSES UTILES EN TANT QU'INHIBITEURS DE SGLT**
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[72] BROECKX, RUDY LAURENT MARIA, BE
[72] NIESTE, PATRICK HUBERT J., BE
[72] HATSUDA, MASANORI, JP
[72] YOSHINAGA, MASAHIKO, JP
[72] YADA, MITSUHIRO, JP
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[54] **LOW MOLECULAR WEIGHT BROMINATED POLYMERS, PROCESSES FOR THEIR MANUFACTURE AND THEIR USE IN THERMOPLASTIC FORMULATIONS**
[54] **POLYMERES BROMES DE FAIBLE MASSE MOLECULAIRE, LEURS PROCEDES DE FABRICATION ET LEUR UTILISATION DANS DES PREPARATIONS THERMOPLASTIQUES**
[72] LAYMAN, WILLIAM J., JR., US
[72] MACK, ARTHUR G., US
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[54] **PROCEDES D'OBTENTION D'UNE GESTION D'ENERGIE CONSCIENTE**
[72] MALIK, NAIM, US
[72] PAETZ, CHRISTIAN, DE
[72] WEINSTOCK, NEIL, US
[72] YANG, ALLEN, US
[72] ONYSHKEVYH, VSEVOLOD, US
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[72] KALLA, ANITHA, US
[73] BE INTELLECTUAL PROPERTY, INC., US
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[54] **COUVERCLE ET LOCALISATEUR DE TROU**
[72] SLOAN, SAMUEL T., US
[72] SLOAN, PATRICIA A., US
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[54] **SYSTEMES D'IMPLANT ET PROCEDES DE TRAITEMENT DE L'APNEE OBSTRUCTIVE DU SOMMEIL**
[72] LINDH, DAVID C., US
[72] ROUSSEAU, ROBERT A., US
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[54] **GESTION D'INTERACTIONS DANS UN SYSTEME D'ENTREE INTERACTIF MULTIUTILISATEUR**
[72] TSE, EDWARD, CA
[72] BENNER, ERIK, CA
[72] WEINMAYR, PATRICK, CA
[72] LORTZ, PETER CHRISTIAN, CA
[72] PIPCHUCK, JENNA, CA
[72] IEPEREN, TACO VAN, CA
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[54] **APPAREIL A SOUDAGE PAR FRICTION LINEAIRE ET METHODE**
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[72] DALY, NEIL, US
[72] ALESSI, SALVATORE, US
[73] CYRIL BATH COMPANY, US
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[72] AMBERG, STEVE, CA
[73] SAFRAN LANDING SYSTEMS CANADA INC. / SAFRAN SYSTEMES D'ATTERRISSAGE CANADA INC., CA
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[54] **MODULATEURS 1,4-DIAZEPANE DE CXCR7**
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[72] FAN, PINGCHEN, US
[72] GLEASON, MARK M., US
[72] JAEN, JUAN C., US
[72] LI, LIANFA, US
[72] MCMAHON, JEFFREY P., US
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[54] **FLUORESCENT NEUTRALIZATION AND ADHERENCE INHIBITION ASSAYS**
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[72] KACHURIN, ANATOLY, US
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[72] WITTMAN, VAUGHAN, US
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[73] SHRIMPTEE SOLUTIONS LTD., CA
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[54] **SYSTEME ET PROCEDE DE MISE EN PRODUCTION D'UN PUITS A L'AIDE D'UN GAZ**
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[72] BIBAEFF, JOHN A., JR., US
[73] NITRO-LIFT HYDROCARBON RECOVERY SYSTEMS, LLC, US
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[54] **CORAL SCAFFOLD FOR CARTILAGE OR OSTEOCHONDRAL REPAIR**
[54] **STRUCTURE DE CORAIL PERMETTANT LA REPARATION CARTILAGINEUSE OU OSTEOCHONDRALE**
[72] ALTSCHULER, NIR, IL
[72] VAGO, RAZI, IL
[73] CARTIHEAL (2009) LTD., IL
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[54] **DERIVES DE CHITOSAN SEUL OU EN COMBINAISON POUR LE TRAITEMENT D'INFECTIONS MICROBIENNES MDR**
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[72] WIESMANN, WILLIAM P., US
[72] TOWNSEND, STACY, US
[73] SYNEDGEN, INC., US
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[54] **PROCESS FOR THE PREPARATION OF TRANS 4-AMINO-CYCLOHEXYL ACETIC ACID ETHYL ESTER HCL**
[54] **PROCEDE DE PREPARATION D'UN HCL D'ESTER D'ETHYLE D'ACIDE TRANS-4-AMINO-CYCLOHEXYL ACETIQUE**
[72] HEGEDUES, LASZLO, HU
[72] CZIBULA, LASZLO, HU
[72] MATHE, TIBOR BENCE (DECEASED), HU
[72] JUHASZ, BALINT, HU
[72] NAGYNE BAGDY, JUDIT, HU
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[54] **A SYSTEM, DEVICE AND METHOD FOR DETECTING SEISMIC ACCELERATION**
[54] **SYSTEME, DISPOSITIF ET PROCEDE POUR DETECTER UNE ACCELERATION SISMIQUE**
[72] LITTLER, IAN, C., M., AU
[72] CHOW, JONG H., AU
[72] MCCLELLAND, DAVID E., AU
[73] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[54] **APOPTOSIS-INDUCING AGENTS FOR THE TREATMENT OF CANCER AND IMMUNE AND AUTOIMMUNE DISEASES**
[54] **AGENTS INDUISANT L'APOPTOSE POUR LE TRAITEMENT DU CANCER ET DE MALADIES IMMUNES ET AUTO-IMMUNES**
[72] BRUNCKO, MILAN, US
[72] DAI, YUJIA, US
[72] DING, HONG, US
[72] DOHERTY, GEORGE A., US
[72] ELMORE, STEVEN W., US
[72] HASVOLD, LISA, US
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[72] MANTEI, ROBERT A., US
[72] MCCLELLAN, WILLIAM J., US
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[72] PETROS, ANDREW M., US
[72] SONG, XIAOHONG, US
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[72] SULLIVAN, GERARD M., US
[72] TAO, ZHI-FU, US
[72] WANG, GARY T., US
[72] WANG, LE, US
[72] WANG, XILU, US
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[72] CZABOTAR, PETER EDWARD, US
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[73] ABBVIE INC., US
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'EAUX USEES**
[72] BAUDER, RAINER, US
[72] YEH, RICHARD HSU, TW
[73] HYDROIONIC TECHNOLOGIES CO. LTD., TW
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[54] **ENSEMBLE DE COMMUTATEURS DE TRANSFERT AUTOMATIQUES EXTRACTIBLES A NEUTRALISATION ET PROCEDE ASSOCIE**
[72] GIBBS, IRVING A., US
[72] HOGLUND, JUSTIN R., US
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[54] **ENSEMBLE D'ACCES RESPIRATOIRE A VERROU ROTATIF ET PROCEDE**
[72] BREWER, JOHN, US
[72] MORRIS, CASSANDRA E., US
[72] GIANELIS, STEPHEN, US
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[73] CGGVERITAS SERVICES (U.S.) INC., US
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[54] **DETECTION DE MOLECULES DE POLYMERE ACCEPTABLES PHYSIOLOGIQUEMENT AU MOYEN DE LA SPECTROSCOPIE PROCHE INFRAROUGE**
[72] WEBER, ALFRED, AT
[72] HOEFINGHOFF, JORIS, AT
[72] SIEKMANN, JUERGEN, AT
[72] TURECEK, PETER, AT
[73] BAXALTA GMBH, CH
[73] BAXALTA INCORPORATED, US
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[54] **DISPOSITIF VISANT A EMPECHER DE SOUMETTRE LE CROCHET D'UN TREUIL A UNE TRACTION EXCESSIVE**
[72] SENECAL, ANDRE, CA
[73] KIMPEX INC., CA
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[72] JEHAN, MICHEL, FR
[72] DE RANGO, PATRICIA, FR
[72] MIRAGLIA, SALVATORE, FR
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[54] **SYSTEME ET METHODE DE GENERATION DE BILLETS DE LOTERIE HYBRIDES**
[72] CAUGHILL, ADAM, CA
[72] DOLAN, STEVEN JOSEPH, CA
[72] HUANG, JI, CA
[73] ONTARIO LOTTERY AND GAMING CORPORATION, CA
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[54] **SERVEUR PASSERELLE A MICRONOYAU**
[72] MEIER, GUILLAUME, FR
[72] CHALAND, MARC, FR
[72] CLERMONT, NICOLAS, FR
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[54] **PROTECTION D'OBJET CONTRE DES CHARGES CREUSES ET PROCEDE DE FABRICATION**
[72] RADSTAKE, MARC, CH
[72] KAUFMANN, HANSPETER, CH
[73] RUAG SCHWEIZ AG, CH
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[72] BRANDER, ANDREW MICHAEL, GB
[72] BRANDER, DONNA KAYE, GB
[72] WARD, TRACEY ELIZABETH, GB
[72] WARD, MATHEW ROGER, GB
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[73] BRANDER, DONNA KAYE, GB
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[73] WARD, MATHEW ROGER, GB
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[54] **PROCEDES ET DISPOSITIFS POUR UNE OCCLUSION VEINEUSE POUR LE TRAITEMENT D'UNE INSUFFISANCE VEINEUSE**
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[72] VAN DE KLEUT, D., NL
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[54] **FORME PHARMACEUTIQUE ORALE COMPRENANT AU MOINS UN AGENT BIOLOGIQUEMENT ACTIF, DES SUBSTANCES AUXILIAIRES DE FORMULATION ET DES PARTICULES MAGNETISABLES**
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[72] TOME ALCALDE, JUAN, ES
[72] DAMM, MICHAEL, DE
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[73] BLACKBERRY LIMITED, CA
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[73] AHLSTROM CORPORATION, FI
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[72] WANG, HUAYONG, CN
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[72] MAJOR, DANIEL JONAS, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE POUR COMMANDER UNE ARTICULATION ORTHETIQUE OU PROTHETIQUE AVEC UNE EXTREMITE INFERIEURE**
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[72] VINCENT, THOMAS ALAIN CHRISTIAN, FR
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[72] RENDESI, MAURIZIO, IT
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[54] **UTILISATION DE POLYMERES AMPHIPHILES COMME AGENTS AMELIORANT LA STABILITE THERMIQUE ET LA RESISTANCE AUX UV DE MATERIAUX THERMOPLASTIQUES CHLORES ET CHARGES, PROCEDE DE FABRICATION DESDITS MATERIAUX**
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[72] MURALIDHARA REDDY, DASARI, IN
[72] RAJI REDDY, RAPOLU, IN
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[73] REHRIG PACIFIC COMPANY, US
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[73] COOPER TECHNOLOGIES COMPANY, US
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[72] VENKATESWARA-RAO, KONDAPAVULUR T., US
[72] STEIN, EMILY A., US
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[72] RAVET, ANTOINE, FR
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[72] AMONJU, VUKIEALI, US
[72] WALLS, TERRY LYNN, US
[72] HONTS, ROBERT WAYNE, US
[72] LOGERING, MATTHEW DEAN, US
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[73] BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD., CN
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[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT D'UNE PRESSION INTRAOCULAIRE ACCRUE**
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[72] GUNTHER, BERNHARD, DE
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[54] **ACTIVATION/DESACTIVATION DE PORTEUSES COMPOSANTES DANS DES SYSTEMES DE COMMUNICATION UTILISANT UNE AGREGATION DE PORTEUSES**
[72] FEUERSAENGER, MARTIN, DE
[72] LOEHR, JOACHIM, DE
[72] GOLITSCHEK EDLER VON ELBWART, ALEXANDER, DE
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[72] KRAUSE, SIMON, DE
[72] HENNIG, ANDRE, DE
[72] HILF, STEFAN, DE
[72] BARNER-KOWOLLIK, CHRISTOPHER, DE
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[72] NEBHANI, LEENA, IN
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[54] **INSTALLATION METHOD OF FLEXIBLE PIPE WITH SUBSEA CONNECTOR, UTILIZING A PULL DOWN SYSTEM**
[54] **PROCEDE D'INSTALLATION DE TUYAU FLEXIBLE DOTE D'UN CONNECTEUR SOUS-MARIN, UTILISANT UN SYSTEME DE DESCENTE**
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[73] TECHNIP FRANCE, FR
[73] NAUTILUS MINERALS PACIFIC PTY LTD, AU
[73] EDA KOPA (SOLWARA) LIMITED, PG
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[73] BESTRONG INTERNATIONAL LIMITED, CN
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[54] **DISPOSITIF A CRISTAUX LIQUIDES THERMOTROPES STABILISES PAR UN POLYMERE**
[72] POWERS, RICHARD M., US
[72] MCCARTHY, WIL, US
[72] CRAMER, NEIL B., US
[72] CALDWELL, CHRISTOPHER M., US
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[72] ENGLERT, MARK, US
[73] USG INTERIORS, LLC, US
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[72] REGHEZZA, PATRICK JEAN-LOUIS, FR
[73] SNECMA, FR
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[73] FINAL FUTURE INTERNATIONAL, INC., JP
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[72] CODEMO, RENZO, IT
[73] BRETON SPA, IT
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[73] MOPHIE, INC., US
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[54] **SYSTEME ET PROCEDE POUR ACCEDER A UNE APPLICATION LOGICIELLE**
[72] MCBRIDE, BRIAN EVERETT, CA
[72] CHIDAMBARAM, AVINASH, CA
[72] CORNET, JEROME BERTRAND NICOLAS, CA
[73] BLACKBERRY LIMITED, CA
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[54] **THERMOFORMING SYSTEM, THERMOFORMED PRODUCT, AND METHOD OF THERMOFORMING**
[54] **APPAREIL DE THERMOFORMAGE, PRODUIT THERMOFORME ET METHODE DE THERMOFORMAGE**
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[54] **APPAREIL DE FIXATION DE COMPOSANT DE MEUBLE, SYSTEME DE MEUBLE ET PROCEDE D'ASSEMBLAGE DE MEUBLE POUR UN ESPACE DE TRAVAIL**
[72] UDAGAWA, MASAMICHI, US
[72] BULLWINKLE, WALLACE, US
[72] MOESLINGER, SIGRID, US
[73] KNOLL, INC., US
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[54] **DERIVE DE DIBENZYLAMINE OPTIQUEMENT ACTIF ET PROCEDE POUR SA PREPARATION**
[72] OHGIYA, TADAAKI, JP
[72] MURAKAMI, TAKESHI, JP
[72] MIYOSAWA, KATSUTOSHI, JP
[72] SHIBUYA, KIMIYUKI, JP
[72] YAMAZAKI, KOICHI, JP
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[73] KOWA COMPANY, LTD., JP
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[54] **METHOD OF DETECTING A FAULT WITH THE MEANS FOR DE-ICING A PROBE FOR MEASURING A PHYSICAL PARAMETER**
[54] **PROCEDE DE DETECTION D'UNE PANNE DES MOYENS DE DEGIVRAGE D'UNE SONDE DE MESURE D'UN PARAMETRE PHYSIQUE**
[72] BIRAUD, BENOIT, FR
[72] GODEL, FRANCK, FR
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[54] **SYSTEME MOBILE DE RECUPERATION D'AERONEF**
[72] MILLER, STEPHEN W., US
[72] FOX, STEVEN J., US
[72] SCHILL, GRAHAM W., US
[72] ASKE, BRIAN A., US
[73] AAI CORPORATION, US
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[54] **SPENT CATALYST RISER DISTRIBUTOR**
[54] **DISTRIBUTEUR DE COLONNE MONTANTE POUR CATALYSEUR USE**
[72] SKOULIDAS, ANASTASIOS I., US
[72] CHEN, ALVIN U., US
[72] SMALLEY, CHRISTOPHER G., US
[72] TAMMERA, ROBERT FRANK, US
[72] NAKASHIMA, NORIHIRO, US
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[72] YOSHIOKA, HIROKI, JP
[72] MANABE, FUMIAKI, JP
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[72] KRAMER, RETO, US
[72] OSIECKI, DANIEL LEE, US
[72] SHANKARAN, NISHANTH, US
[72] BALAKRISHNAN, VENKATES P., US
[72] PARE, GEOFFREY SCOTT, US
[72] MEIKE, BLAKE, US
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[54] **RACCORD DE REMPLISSAGE, RECIPIENT ET PROCEDE DE REMPLISSAGE CORRESPONDANTS**
[72] FRENAL, ANTOINE, FR
[72] MANSCOURT, CYRIL, FR
[72] PISOT, PHILIPPE, FR
[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[73] KABUSHIKI KAISHA POWREX, JP
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[54] **PROCEDE DE SYNTHESE D'HYDROCARBURES EN C5+ EN PRESENCE D'UN CATALYSEUR PREPARE AU MOYEN D'AU MOINS UN OLIGOSACCHARIDE CYCLIQUE**
[72] DIEHL, FABRICE, FR
[72] GRIBOVAL-CONSTANT, ANNE, FR
[72] KHODAKOV, ANDREI, FR
[72] JEAN-MARIE, ALAN, FR
[72] MONFLIER, ERIC, FR
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[72] JIN, YUN, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **APTAMERES POUVANT SE LIER A 4-1BB ET UTILISATION ASSOCIEE DANS LE TRAITEMENT DE MALADIES ET DE TROUBLES**
[72] VAUGHT, JONATHAN, US
[72] RESNICOW, DANIEL L., US
[72] WAUGH, SHEELA, US
[72] WILCOX, SHERI K., US
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[72] LEE, JEFFREY A., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[54] **OREILLER CERVICAL POUR LE TRAITEMENT DE MALADIES DE LA COLONNE CERVICALE**
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[54] **ACTIONNEUR SANS RESSORT A ELECTROAIMANT MUNI D'UNE ARMATURE MAGNETIQUE REGLABLE**
[72] HANCHETT, LELAND J., JR., US
[72] SCHEFFLER, DOMINIK, US
[73] HANCHETT ENTRY SYSTEMS, INC., US
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[54] **DISPOSITIF DE REGLAGE ROTATIF POUR ARTICLE DOTE D'UNE BOUCLE DE SUSPENSION**
[72] KACINES, JEFFERY J., US
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[86] (2810349)
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[54] **FORMULES DE SOINS DE PEAU TOPIQUES RENFERMANT DE LA PULPE DE FRUIT DE MYRCIARIA CAULIFLORA**
[72] FLORENCE, TIFFANY, US
[72] GAN, DAVID, US
[72] HINES, MICHELLE, US
[73] MARY KAY INC., US
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[54] **INSTALLATION D'OBTENTION DE BLOCS DE REFRIGERATION COMPOSES D'UNE ENVELOPPE EN UNE MATIERE POREUSE CONTENANT UNE MASSE DE NEIGE CARBONIQUE ENFERMEE ET RETENUE DANS L'ENVELOPPE**
[72] OZTAS, CEMAL, TR
[72] ROBILLARD, DOMINIQUE, FR
[72] ALGOET, JO, BE
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **FRAGMENTS DE LA MOESINE ASSOCIES A L'ANEMIE APLASIQUE**
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[72] BAO, JUN, CN
[72] MAO, HUA, CN
[72] XIANG, FEI, CN
[72] SUN, HONGBIN, CN
[72] QIAN, JIE, CN
[72] HAN, YONGJUN, CN
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[73] SHANGHAI KEXIN BIOTECH CO., LTD., CN
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[54] **AGENT D'HUMIDIFICATION**
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[72] HICKER, ROLAND, DE
[72] KUNZE, WALTER, AT
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[73] BUSSETTI & CO. GMBH, AT
[73] BRAV-O-TECH GMBH, DE
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[54] **REPONSE A LA RECEPTION D'INSTRUCTIONS DE ZOOM**
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[73] NOKIA TECHNOLOGIES OY, FI
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[54] **PARTITIONNEMENT DE TAMPON DE BITS SOUPLE HARQ POUR AGREGATION DE PORTEUSES**
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[72] CAI, ZHIJUN, US
[72] EARNSHAW, ANDREW MARK, CA
[72] FONG, MO-HAN, CA
[72] HEO, YOUN HYOUNG, CA
[73] BLACKBERRY LIMITED, CA
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[54] **HYDROPYROLYSE CATALYTIQUE DE BIOMASSE ORGANOPHILE**
[72] BARTEK, ROBERT, US
[72] BRADY, MICHAEL, US
[72] STAMIRES, DENNIS, US
[73] INAERIS TECHNOLOGIES, LLC, US
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[54] **CLAMP FOR SECURING PIPE**
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[72] MARSH, WILLIAM, CA
[73] MARSH, WILLIAM, CA
[86] (2816778)
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[54] **SOCIAL ASPECTS OF MEDIA GUIDES**
[54] **ASPECTS SOCIAUX DE GUIDES MULTIMEDIA**
[72] GOSSWEILER, RICHARD C. III, US
[73] GOOGLE INC., US
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[54] **COMPOSITIONS OF TOEHOLD PRIMER DUPLEXES AND METHODS OF USE**
[54] **COMPOSITIONS DE DUPLEX D'AMORCES A SEQUENCE D'ANCRAGE "TOEHOLD", ET PROCEDE D'UTILISATION**
[72] ZHANG, DAVID YU, US
[72] YIN, PENG, US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2013-04-26
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[54] **METHOD OF, AND APPARATUS FOR, MEASURING THE MOLECULAR WEIGHT OF A GAS**
[54] **PROCEDE ET APPAREIL DE MESURE DE POIDS MOLECULAIRE D'UN GAZ**
[72] DOWNIE, NEIL ALEXANDER, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **METHOD AND APPARATUS PERTAINING TO ENERGY EFFICIENT TASK EXECUTION OFFLOADING**
[54] **METHODE ET APPAREIL RELATIFS AU DELESTAGE DE L'EXECUTION D'UNE TACHE MENE A MOINDRE COUT ENERGETIQUE**
[72] SINGH, AJIT, CA
[72] PALIT, RAJESH, CA
[72] NAIK, KSHIRASAGAR, CA
[73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITIONS FONGICIDES ET PROCEDES**
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[72] DORAN, DAVID, US
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2013-05-17
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[54] **SYSTEM AND METHOD FOR DETERMINING A DISPLAY ORIENTATION OF A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER L'ORIENTATION DE L'AFFICHAGE D'UN APPAREIL MOBILE**
[72] BISMILLA, YAMIN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2820291)
[87] (2820291)
[22] 2013-06-20
[30] EP (12175511.0) 2012-07-09

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[54] **METHODS FOR FORMING MINIEMULSIONS AND USE THEREOF FOR DELIVERING BIOACTIVE AGENTS**
[54] **PROCEDES DE FORMATION DE MINIEMULSIONS ET UTILISATION ASSOCIEE POUR L'ADMINISTRATION D'AGENTS BIOACTIFS**
[72] CHIRAGKUMAR, DESAI, AU
[73] NS TECHNOLOGIES PTY LTD, AU
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[54] **APPARATUS FOR ALTERNATELY SIFTING AND BLENDING POWDERS IN THE SAME OPERATION**
[54] **APPAREIL DESTINE A TAMISER ET A MELANGER ALTERNATIVEMENT DES POUDRES AU COURS D'UNE MEME OPERATION**
[72] KALIDINDI, SANYASI R., US
[73] KALIDINDI, SANYASI R., US
[86] (2821188)
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[25] EN
[54] **METHOD FOR PERFORMING A BIOCHEMICAL ANALYSIS, ESPECIALLY IN OUTER SPACE**
[54] **METHODE D'EXECUTION D'UNE ANALYSE BIOCHIMIQUE, NOTAMMENT DANS L'ESPACE**
[72] KERN, PETER, DE
[72] BACKES, HERBERT, DE
[72] KUEBLER, ULRICH, DE
[73] AIRBUS DS GMBH, DE
[86] (2823927)
[87] (2823927)
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[54] **METHOD AND APPARATUS FOR THE MEASUREMENT OF A RESISTANCE OF A SWITCHING CONTACT OF AN ELECTRICAL CIRCUIT BREAKER**
[54] **METHODE ET APPAREIL DE MESURE D'UNE RESISTANCE D'UN CONTACT COMMUTATEUR D'UN DISJONCTEUR DE CIRCUIT ELECTRIQUE**
[72] KLAPPER, ULRICH, AT
[72] DE VILLIERS, WERNICH, AT
[72] KAUFMANN, REINHARD, AT
[73] OMICRON ELECTRONICS GMBH, AT
[86] (2824263)
[87] (2824263)
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[30] EP (12 006 040.5) 2012-08-24

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[25] EN
[54] **COMMUNICATIONS NETWORK, COMPUTER ARCHITECTURE, COMPUTER-IMPLEMENTED METHOD AND COMPUTER PROGRAM PRODUCT FOR DEVELOPMENT AND MANAGEMENT OF FEMTOCELL-BASED APPLICATIONS**
[54] **RESERAU DE COMMUNICATION, ARCHITECTURE INFORMATIQUE, METHODE INFORMATIQUE ET PRODUIT DE PROGRAMME INFORMATIQUE POUR LE DEVELOPPEMENT ET LA GESTION D'APPLICATIONS FONDEES SUR LA FEMTOCELLULE**
[72] CAPUOZZO, GIUSEPPE, IT
[72] ONORATO, ORLANDO, IT
[72] IMPARATO, ALESSANDRO, IT
[72] D'ERRICO, DANIELE, IT
[72] D'ANGELO, GIANLUCA, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **SWITCHGEAR ENCLOSURE WITH IMPROVED DOOR ASSEMBLY**
[54] **ENCEINTE D'APPAREILLAGE DE CONNEXION A ENSEMBLE PORTE AMALIORA**
[72] KARANDIKAR, HARSHAVARDHAN M., US
[72] DOLEZAL, RADIM, CZ
[72] KARNBACH, ROBERT, US
[72] PAWAR, RAHUL, US
[72] FISCHER-CARNE, PATRICK, US
[73] ABB TECHNOLOGY AG, CH
[85] 2013-07-23
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[51] **Int.Cl. G10L 15/26 (2006.01) H04H 60/04 (2009.01) G06F 9/44 (2006.01) G10L 15/22 (2006.01)**
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[54] **SEMANTIC AUDIO TRACK MIXER**
[54] **MELANGEUR DE PISTES AUDIO SEMANTIQUE**
[72] UHLE, CHRISTIAN, DE
[72] HERRE, JURGEN, DE
[72] POPP, HARALD, DE
[72] RIDDERBUSCH, FALKO, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] FENETRE EN LOSANGE POUR UNE CELLULE D'AERONEF COMPOSITE ET/OU METALLIQUE
[72] KISMARTON, MAX U., US
[73] THE BOEING COMPANY, US
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[54] ECHELLES, COMPOSANTS D'ECHELLE ET PROCEDES CONNEXES
[72] MOSS, N. RYAN, US
[72] PETERSON, SEAN R., US
[72] RUSSELL, BRIAN B., US
[73] WING ENTERPRISES, INCORPORATED, US
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[54] PROCEDE, DISPOSITIF DE NOEUD POUR ETABLIR UN CHEMIN A COMMUTATION D'ETIQUETTES
[72] LUO, YANXING, CN
[72] LONG, HAO, CN
[72] YAN, MIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] DEVICE FOR PERFORMING A BIOCHEMICAL ANALYSIS, ESPECIALLY IN OUTER SPACE
[54] DISPOSITIF D'EXECUTION D'UNE ANALYSE BIOCHIMIQUE, SURTOUT DANS L'ESPACE
[72] KERN, PETER, DE
[72] JANSON, JESSICA, DE
[72] SZYDZIK, CRISPIN, DE
[73] AIRBUS DS GMBH, DE
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[54] CONTENANT DEFORMABLE
[72] CIAVARELLA, NICK, US
[72] REYNOLDS, AARON, US
[72] SCHNEIDER, STEPHANIE, US
[72] MARCHETTA, ANTHONY, US
[73] GOJO INDUSTRIES, INC., US
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[72] TAN, SIOW YING, US
[72] GIVEN, PETER, US
[72] GADIRAJU, RAMA, US
[72] CLARK, CYNTHIA, US
[72] MULLEN, JESSICA, US
[72] JOHNSON, WINSOME, US
[72] BRAND-LEVINE, DALIT, US
[73] PEPSICO, INC., US
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[54] PROCEDES ET APPAREILS D'EXPLOITATION DE GROUPES DE DEL A HAUTE PUISSANCE
[72] CREMER, ANTONIUS JACOBUS MARIA, US
[72] SLOT, MACHIEL, CA
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[54] **SIMULTANEOUS DETECTION OF COMMUNICATIONS SIGNALS ON ALL PHASES OF A MULTI-PHASE POWER DISTRIBUTION NETWORK**
[54] **DETECTION SIMULTANEE DE SIGNAUX DE COMMUNICATIONS SUR TOUTES LES PHASES D'UN RESEAU DE DISTRIBUTION D'ENERGIE MULTIPHASE**
[72] SPENCER, QUENTIN, US
[73] ACLARA TECHNOLOGIES LLC, US
[85] 2013-08-23
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[54] **METHODS, SYSTEMS, AND APPARATUS FOR NATURAL POWER COLLECTION AND DISTRIBUTION**
[54] **PROCEDES, SYSTEMES ET APPAREIL POUR COLLECTE ET DISTRIBUTION D'ENERGIE NATURELLE**
[72] PECK, GORDON, CA
[73] PECK, GORDON, CA
[85] 2013-08-29
[86] 2012-02-03 (PCT/CA2012/000095)
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[54] **CONDUIT DE TRANSFERT DE CHALEUR POUR ECHANGEUR DE CHALEUR**
[72] DENG, WENJIA, CN
[73] LUVATA ALLTOP (ZHONGSHAN) LTD., CN
[85] 2013-09-04
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[54] **PATE CONDUCTRICE**
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[72] SHINDO, NAOTO, JP
[72] KANASAKU, TADASHI, JP
[72] MASUDA, SHOKO, JP
[73] SHOEI CHEMICAL INC., JP
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[54] **JOINT ANNULAIRE PIVOTANT**
[72] CAMPBELL, CAREY V., US
[72] FRIEDMAN, NATHAN L., US
[72] TRAPP, BENJAMIN M., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **ROBINET DE SECTIONNEMENT DESTINE A UN TUYAU FLEXIBLE**
[72] ARVOLA, TOMAS, SE
[72] ARVOLA, LASSE, SE
[73] NORDKOTE AB, SE
[85] 2013-09-17
[86] 2012-03-08 (PCT/SE2012/000029)
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[54] **BARRE OMNIBUS A GUIDE D'ONDE REGLABLE**
[72] ARNOLD, CHRISTIAN, DE
[72] PARLEBAS, JEAN, DE
[72] THIBAUT, CHARLES, DE
[73] TESAT-SPACECOM GMBH & CO. KG, DE
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[87] (2830697)
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[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR VALIDATING CALL CONNECTIONS**
[54] **SYSTEME ET PROCEDE INFORMATISES POUR VALIDER DES CONNEXIONS D'APPEL**
[72] MILSTEIN, DAVID, US
[73] INTELLISIST, INC., US
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[72] MOSHINSKY, RANDALL, AU
[72] MCMILLAN, JAMES, AU
[72] TUTUNGI, ELLI, AU
[73] SORIN GROUP ITALIA S.R.L., IT
[85] 2013-10-03
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[54] **SYSTEME A BLOCS THERMIQUES DE PONTAGE ET PROCEDE CORRESPONDANT**
[72] MCCLURE, RICHARD R., US
[73] BLUESCOPE BUILDINGS NORTH AMERICA, INC., US
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[54] **STEEL SHEET FOR HOT STAMPING MEMBER AND METHOD OF PRODUCING SAME**
[54] **TOLE D'ACIER POUR ELEMENTS D'ESTAMPAGE A CHAUD ET SON PROCEDE DE PRODUCTION**
[72] TANAHASHI, HIROYUKI, JP
[72] MAKI, JUN, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[72] THORSEN, DANIEL M., US
[72] HINES, KEVIN P., US
[73] EXELIS, INC., US
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[25] EN
[54] **ADDITIVE COMPOSITIONS WITH A FRICTION MODIFIER AND A METAL DIALKYL DITHIO PHOSPHATE SALT**
[54] **COMPOSITIONS D'ADDITIFS A MODIFICATEUR DE FROTTEMENT ET SEL DE DIALKYL DITHIO PHOSPHATE DE METAL**
[72] LOPER, JOHN T., US
[72] STYER, JEREMY P., US
[73] AFTON CHEMICAL CORPORATION, US
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[54] **ETUI POUR PAPIER A CIGARETTES**
[72] KOSTER, KLAUS, DE
[72] HARTL, HEINRICH, AT
[72] GRETTER, RUPERT, DE
[73] GIZEH RAUCHERBEDARF GMBH, DE
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[54] **PROCEDES ET SYSTEMES D'IDENTIFICATION D'UN CONTENU DANS UN FLUX DE DONNEES**
[72] WANG, AVERY LI-CHUN, US
[73] SHAZAM ENTERTAINMENT LTD., GB
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[54] **PRODUCTION D'UNE TOUR**
[72] KAPITZA, JAN, DE
[72] ALBERS, KARSTEN, DE
[72] HORN, GUNTHER, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[72] JAGER, ANDREAS, AT
[72] GARNHAM, CAROLYN, GB
[72] HESSLER, ROLAND, AT
[72] ZIMMERLING, MARTIN, AT
[72] DELLA SANTINA, CHARLES COLEMAN, US
[72] FRIDMAN, GENE, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
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[54] **PROCEDES ET SYSTEMES POUR FILTRAGE PREDICTIF DANS UN CODAGE VIDEO**
[72] FLYNN, DAVID, CA
[72] HE, DAKE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2838336)
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[25] EN
[54] **APPARATUS AND METHOD FOR ALTERNATING CURRENT PHYSICAL SIGNALS MEASUREMENT AND DATA ACQUISITION**
[54] **DISPOSITIF ET PROCEDE DE MESURE ET DE COLLECTE DE DONNEES DE QUANTITES PHYSIQUES DE COURANT ALTERNATIF**
[72] HAO, YUSHAN, CN
[73] HAO, YUSHAN, CN
[85] 2013-12-09
[86] 2012-06-11 (PCT/CN2012/076692)
[87] (WO2012/167747)
[30] CN (201110161132.9) 2011-06-09

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[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING BROADCAST SIGNAL FOR 3-DIMENSIONAL BROADCAST SERVICE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRAITER UN SIGNAL DE RADIODIFFUSION POUR UN SERVICE DE RADIODIFFUSION EN TROIS DIMENSIONS**
[72] CHOE, JEEHYUN, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-12-12
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[54] **COUVERCLE DE BALLONNET DE RESISTANCE ELEVEE ET PROCEDE DE FABRICATION**
[72] HEDBERG, BRANDON C., US
[72] NILSON, THOMAS P., US
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[54] **RESEAUX DE DISPOSITIFS A MICROPLASMA EN METAL OU OXYDE METALLIQUE PRESENTANT UN OXYDE EXEMPT DE DEFAUT**
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[72] PARK, SUNG-JIN, US
[72] CHO, JIN HOON, US
[72] SUNG, SEUNG HOON, US
[72] KIM, MIN HWAN, US
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[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'UN SERVICE EN 3D**
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[72] CHOE, JEEHYUN, KR
[73] LG ELECTRONICS INC., KR
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[54] **RACCORD POUR FLUIDES MEDICAUX**
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[72] PHILLIPS, GRANT W., US
[73] APPLIED MEDICAL TECHNOLOGY, INC., US
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[54] **INHIBITION OF MARCKS-MEDIATED DEGRANULATION BY MARCKS N-TERMINAL PEPTIDES IN TREATING INFLAMMATION**
[54] **INHIBITION DE LA DEGRANULATION MEDIEE PAR MARCKS A L'AIDE DES PEPTIDES N-TERMINAL DE MARCKS DANS LE TRAITEMENT DE L'INFLAMMATION**
[72] PARIKH, INDU, US
[73] BIOMARCK PHARMACEUTICALS, LTD., US
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[54] **SLAM SHUT SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE A FERMETURE RAPIDE**
[72] FAILLAT, CLAUDE, FR
[72] BOURGEOIS, ARNAUD, FR
[72] FOURNEL, GUILLAUME, FR
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **MASQUE THERAPEUTIQUE DE BALAYAGE D'EXPIRATION**
[72] BURK, MARC ALAN, US
[72] DWYER, DANIEL PATRICK, US
[72] ROTH, GARY, US
[72] LEE, HYUNG JOO, US
[73] TELEFLEX MEDICAL INCORPORATED, US
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[54] **METHOD OF PRODUCING PHYSIOLOGICAL AND THERAPEUTIC LEVELS OF NITRIC OXIDE THROUGH AN ORAL DELIVERY SYSTEM**
[54] **PROCEDE DE PRODUCTION DE NIVEAUX PHYSIOLOGIQUES ET THERAPEUTIQUES D'OXYDE NITRIQUE PAR UN SYSTEME DE DISTRIBUTION ORALE**
[72] BRYAN, NATHAN S., US
[72] ROCCA, JOSE G., US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[73] NEOGENIS LABS, INC., US
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[54] **HYDRAULIC SPIN-ON FILTER CARTRIDGE HAVING BASE PLATE SUPPORTING RADIALLY DIRECTED SEAL**
[54] **CARTOUCHE DE FILTRE A VISSER HYDRAULIQUE COMPRENANT UNE PLAQUE DE BASE SUPPORTANT UN JOINT ORIENTE RADIALEMENT**
[72] KRULL, TIMOTHY L., US
[73] BALDWIN FILTERS, INC., US
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[54] **WATER TREATMENT SYSTEM AND METHOD FOR REMOVAL OF CONTAMINANTS USING BIOLOGICAL SYSTEMS**
[54] **SYSTEME DE TRAITEMENT D'EAU ET PROCEDE D'ELIMINATION DES CONTAMINANTS A L'AIDE DE SYSTEMES BIOLOGIQUES**
[72] PICKETT, TIMOTHY MICHAEL, US
[72] PETERSON, JAMES JOHN, US
[73] FRONTIER PATENT HOLDCO, LLC, US
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[54] **FLAME RETARDANT FOR FILTER SYSTEMS AND METHOD FOR IMPROVING FLAME RESISTANCE IN FILTER SYSTEMS**
[54] **AGENT IGNIFUGE POUR DES DISPOSITIFS DE FILTRAGE ET PROCEDE D'AMELIORATION DU POUVOIR IGNIFUGE DANS DES DISPOSITIFS DE FILTRAGE**
[72] HALSTENBERG, JORG, DE
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[54] **WINCH HAVING ADJUSTABLE INITIAL MECHANICAL ADVANTAGE**
[54] **TREUIL COMPORTANT UN EFFET MECANIQUE INITIAL REGLABLE**
[72] CHUNG, BRIAN HYUK JOON, US
[72] ZURKO, CRAIG JOSEPH, US
[72] ZHU, ZHENGZHONG, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **METHOD AND APPARATUS FOR SORTING LIDAR DATA**
[54] **PROCEDE ET APPAREIL POUR TRI DE DONNEES DE LIDAR**
[72] WELTY, JEFFREY, J., US
[73] WEYERHAEUSER NR COMPANY, US
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[54] **TREPAN SONIQUE POUR CAROTTAGE**
[72] OOTHOUDT, THOMAS J., US
[73] LONGYEAR TM, INC., US
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[54] **MINING MACHINE MANAGEMENT SYSTEM AND MINING MACHINE MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION POUR MACHINE DE MINE ET PROCEDE DE GESTION POUR MACHINE DE MINE**
[72] SUGIHARA, MOTOHIDE, JP
[72] HORI, KOUTAROU, JP
[73] KOMATSU LTD., JP
[85] 2014-04-09
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[54] **VETEMENTS PROTECTEURS A EXTREMITES RECOURBEES**
[72] RAZZAGHI, ALI, US
[72] FEHLBERG, ERIC, US
[72] CRYE, CALEB, US
[72] THOMPSON, GREGG, US
[73] LION GROUP, INC., US
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[54] **GUSSET PLATE CONNECTION OF BEAM TO COLUMN**
[54] **CONNEXION DE PLAQUES GOUSSET D'UNE POUTRE A UNE COLONNE**
[72] TRAN, ANDY THAO, US
[72] HOUGHTON, DAVID L., US
[72] ADAMS, JARED J, US
[72] KARNS, JESSE, US
[73] MITEK HOLDINGS, INC., US
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[54] **CONTINUITE DE SERVICE DE DIFFUSION/MULTIDIFFUSION DANS DES RESEAUX MULTI-PORTEUSES**
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[72] ZHANG, YUJIAN, CN
[73] INTEL CORPORATION, US
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[54] **CHIRAL NEMATIC NANOCRYSTALLINE METAL OXIDES**
[54] **OXYDES METALLIQUES NANOCRISTALLINS A STRUCTURE NEMATIQUE CHIRALE**
[72] MACLACHLAN, MARK JOHN, CA
[72] SHOPSOWITZ, KEVIN ERIC, CA
[72] HAMAD, WADOOD YASSER, CA
[73] FPINNOVATIONS, CA
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[54] **METHOD AND COMPOSITION FOR SEALING AND ASSEMBLING COMPONENTS OF A POWER TRAIN**
[54] **PROCEDE ET COMPOSITION UTILES POUR L'ETANCHEIFICATION ET L'ASSEMBLAGE DE COMPOSANTS D'UN GROUPE MOTO-PROPULSEUR**
[72] IRELAND, TANIA, FR
[72] SICRE, ROMAIN, FR
[73] BLUESTAR SILICONES FRANCE, FR
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[25] EN
[54] **FRACTURE SAND SILO SYSTEM AND METHODS OF DEPLOYMENT AND RETRACTION OF SAME**
[54] **SYSTEME DE SILO DE SABLE DE FRACTURE ET METHODES DE DEPLOIEMENT ET DE RETRACTION DE CELUI-CI**
[72] MCIVER, TERRY, US
[72] CUNNINGHAM, JOHN, US
[73] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
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[54] **VITROCERAMIQUE ET VERRE EN SILICATE DE LITHIUM, AYANT UN OXYDE METALLIQUE MONOVALENT**
[72] RITZBERGER, CHRISTIAN, CH
[72] APEL, ELKE, CH
[72] HOLAND, WOLFRAM, LI
[72] RHEINBERGER, VOLKER, LI
[73] IVOCLAR VIVADENT AG, LI
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[54] **NATURAL-PATH TEARSTRAPS AND STIFFENERS FOR SPHERICAL OR NEAR-SPHERICAL COMPOSITE PRESSURE BULKHEADS**
[54] **ATTACHES A DECHIRER DE FORME NATURELLE ET RAIDISSEURS POUR CLOISONS DE COMPRESSION FAITE D'UN MATERIAU COMPOSE SPHERIQUES OU QUASI SPHERIQUES**
[72] ROSMAN, RICHARD R., US
[72] CAMPANA, JOSEPH H., US
[73] THE BOEING COMPANY, US
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[54] **APPAREIL THERAPEUTIQUE**
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[73] YANG, CHENG-CHUAN, TW
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[54] **APPARATUS FOR THE PRE-TREATMENT AND SUBSEQUENT CONVEYING, PLASTIFICATION OR AGGLOMERATION OF PLASTIC MATERIAL**
[54] **APPAREIL DE PRETRAITEMENT ET DE TRANSPORT SUBSEQUENT, PLASTIFICATION OU AGGLOMERATION DE MATIERE PLASTIQUE**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
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[54] **REDUCTION DES EMISSIONS DE MERCURE EMANANT DE LA COMBUSTION DE CHARBON**
[72] COMRIE, DOUGLAS C., US
[73] NOX II, LTD., US
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[25] EN
[54] **PROCESS FOR CONTINUOUS MODIFICATION OF DIHYDRATE GYPSUM AND MODIFIED DIHYDRATE GYPSUM OBTAINED BY THE PROCESS**
[54] **PROCEDE PERMETTANT LA MODIFICATION EN CONTINU DU GYPSE DIHYDRATE ET GYPSE DIHYDRATE MODIFIE OBTENU A PARTIR DE CE PROCEDE**
[72] YOKOYAMA, ITARU, JP
[72] KATSUMOTO, KOUJI, JP
[72] KAWAMURA, YASUO, JP
[73] YOSHINO GYPSUM CO., LTD., JP
[86] (2852385)
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[54] **CHILDPROOF PERFUME BOTTLE**
[54] **BOUTEILLE DE PARFUM A L'EPREUVE DES ENFANTS**
[72] CHEN, ZHIWEI, CN
[72] NAKAYAMA, KOJI, JP
[73] ZHONGSHAN FUJI CHEMICAL CO., LTD., CN
[73] DAINIHON JOCHUGIKU CO., LTD., JP
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[25] EN
[54] **CARTRIDGE AND SENSOR-DISPENSING INSTRUMENT**
[54] **CARTOUCHE ET INSTRUMENT DISTRIBUTEUR DE CAPTEURS**
[72] KHEIRI, MOHAMMAD A., US
[72] PURCELL, D. GLENN, US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[54] **DIRECT REDUCED IRON MANUFACTURING SYSTEM**
[54] **SYSTEME DE FABRICATION DE FER DE REDUCTION DIRECTE**
[72] SAKAGUCHI, MASAKAZU, JP
[72] HIRAYAMA, HARUAKI, JP
[72] SUSAKI, MAKOTO, JP
[72] ISHIDA, KAZUO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2014-04-24
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[25] EN
[54] **ADJUSTABLE CARRIAGE AND SHIFTING DEVICE**
[54] **CHARIOT REGLABLE ET DISPOSITIF DE COMMUTATION**
[72] HABB, GREGOR, CH
[72] ETTMULLER, PETER, CH
[72] KAPPELER, MYRTA, CH
[72] MEILI, FELIX, CH
[73] HAWA AG, CH
[86] (2853604)
[87] (2853604)
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[13] C
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[25] EN
[54] **DRIVE DEVICE FOR MULTIAXIAL TRANSPORT OF WORKPIECES THROUGH SUCCESSIVE MACHINING STATIONS OF A MACHINE TOOL**
[54] **DISPOSITIF D'ENTRAINEMENT PERMETTANT UN TRANSPORT SUR PLUSIEURS AXES DE PIECES PASSANT PAR LES POSTES D'USINAGE SUCCESSIFS D'UNE MACHINE D'USINAGE**
[72] MULLER, CHRISTIAN, DE
[72] LENDLER, ANTON, DE
[73] SCHULER PRESSEN GMBH, DE
[85] 2014-05-08
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[51] **Int.Cl. E21B 49/08 (2006.01) G01N 21/71 (2006.01) G01N 33/22 (2006.01)**
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[54] **SYSTEME ET PROCEDE D'ANALYSE DE FLUIDE A CALCUL OPTIQUE**
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[72] PELLETIER, MICHAEL T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MIXED LACTIC ACID BACTERIAL CULTURE FLUID COMPOSITION FOR DELAYED RIPENING OF KIMCHI AND METHOD FOR MAKING KIMCHI USING SAME**
[54] **COMPOSITION DE FLUIDE DE CULTURE BACTERIENNE D'ACIDE LACTIQUE MIXTE DESTINE A LA MATURATION RETARDEE DU KIMCHI ET PROCEDE DE FABRICATION DU KIMCHI UTILISANT CELLE-CI**
[72] KOO, CHA-HAK, KR
[72] LEE, SEUNG WOO, KR
[72] JANG, SEUNG HO, KR
[72] LEE, DONG YUN, KR
[73] OURHOME CO., LTD., KR
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[54] **DETONATEUR ELECTRONIQUE**
[72] SCHLENTER, CRAIG CHARLES, ZA
[72] VAN DER WALT, HERMAN, ZA
[73] DETNET SOUTH AFRICA (PTY) LTD, ZA
[85] 2014-05-30
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[54] **BUILT-IN TESTING OF AN ARC FAULT/TRANSIENT DETECTOR**
[54] **ESSAI INTEGRE D'UN DETECTEUR D'ERREURS D'ARC/DE TRANSITOIRES**
[72] HANDY, PETER JAMES, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
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[54] **TIGE D'ATTERRISSEUR POUR AERONEF**
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[73] MESSIER-BUGATTI-DOWTY, FR
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[54] **FABRIC CREPE/DRAW PROCESS FOR PRODUCING ABSORBENT SHEET**
[54] **PROCEDE D'EXTENSION D'UN TISSU CREPE UTILISE POUR PRODUIRE UNE FEUILLE ABSORBANTE**
[72] MCCULLOUGH, STEPHEN J., US
[72] EDWARDS, STEVEN L., US
[72] SUPER, GUY H., US
[72] MURRAY, FRANK, US
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[54] **SUPPORT FOR A HEAT EXCHANGER TUBE BUNDLE**
[54] **SUPPORT DESTINE A UN GROUPEMENT DE TUBES D'ECHANGEUR THERMIQUE**
[72] REICH, DAVE, CA
[72] DENNIS, DURWILL, CA
[72] TRIPLETT, ROBERT, CA
[73] ALTEX INDUSTRIES INC., CA
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[54] **SYSTEM, METHOD AND APPARATUS FOR TRIM FOR BUILDING PRODUCTS**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR GARNITURE POUR MATERIAUX DE CONSTRUCTION**
[72] SHAW, ROBERT D., US
[73] CERTAINTEED CORPORATION, US
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[54] **A NOVEL PROCESS OF CULTIVATING BACTERIA FOR YIELD IMPROVEMENT OF CAPSULAR POLYOSES**
[54] **NOUVEAU PROCEDE DE CULTURE DE BACTERIES POUR AMELIORER LE RENDEMENT EN POLYOSES CAPSULAIRES**
[72] VINAYAK, KAPRE SUBHASH, IN
[72] KUMAR, JANA SWAPAN, IN
[72] SRIVASTAVA, AMAR KUMAR, IN
[73] SERUM INSTITUTE OF INDIA PRIVATE LIMITED, IN
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[54] **SIEGE REHAUSSEUR**
[72] DAESELEIRE, BRUNO JOZEF IVO FRANS MARIA GHISLEEN, BE
[73] DAESELEIRE, BRUNO JOZEF IVO FRANS MARIA GHISLEEN, BE
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[54] **FUEL CELL EXHIBITING REDUCED STRESS BETWEEN FUEL CELL MAIN BODY AND A CURRENT COLLECTOR**
[54] **PILE A COMBUSTIBLE PRESENTANT UNE CONTRAINTE REDUITE ENTRE LE CORPS PRINCIPAL DE PILE A COMBUSTIBLE ET UN COLLECTEUR DE COURANT**
[72] YAGI, HIROAKI, JP
[72] HOTTA, NOBUYUKI, JP
[72] ISHIKAWA, HIDEKI, JP
[72] UEMATSU, HIDEKI, JP
[72] ISHIKAWA, HIROYA, JP
[73] NGK SPARK PLUG CO., LTD., JP
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[54] **ADJUSTING LASER ENERGY IN ACCORDANCE WITH OPTICAL DENSITY**
[54] **REGLAGE D'ENERGIE LASER EN FONCTION D'UNE DENSITE OPTIQUE**
[72] LEMONIS, SISSIMOS, DE
[72] WENDL, STEFAN, DE
[73] WAVELIGHT GMBH, DE
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[54] **CLARIFIER SLUDGE WITHDRAWAL SYSTEM**
[54] **SYSTEME DE PRELEVEMENT DE BOUES DE CLARIFICATEUR**
[72] VORWALLER, JOHN, US
[72] HEIMDAL, TOR, US
[73] OVIVO LUXEMBOURG S.A.R.L., LU
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[54] **METHOD AND HYDROPHILIC RESIN COMPOSITION FOR REMOVING RADIOACTIVE CESIUM AND/OR RADIOACTIVE IODINE**
[54] **METHODE ET COMPOSITION DE RESINE HYDROPHILE SERVANT A ENLEVER LE CESIUM RADIOACTIF OU L'IODE RADIOACTIF**
[72] HANADA, KAZUYUKI, JP
[72] URUNO, MANABU, JP
[72] KIMURA, KAZUYA, JP
[72] TAKAHASHI, KENICHI, JP
[73] UKIMA CHEMICALS & COLOR MFG. CO., LTD., JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
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[54] **SCHEDULING TIMING DESIGN FOR A TDD SYSTEM**
[54] **CONCEPTION D'UNE DISTRIBUTION DES TEMPS D'ORDONNANCEMENT POUR UN SYSTEME DRT**
[72] HE, HONG, CN
[72] FWU, JONG-KAE, US
[72] HUANG, RUI, CN
[73] INTEL CORPORATION, US
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[54] **HEATED INSOLES**
[54] **PREMIERES CHAUFFEES**
[72] WHITEHEAD, IAN, US
[72] LYNCH, JAMES K., US
[72] SHAPIRO, STEPHEN J., US
[73] SCHAWBEL TECHNOLOGIES LLC, US
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[54] **INSPECTION TESTS FOR AN ELEVATOR WITHOUT ADDITIONAL TEST WEIGHTS**
[54] **ESSAIS D'INSPECTION POUR UN ASCENSEUR SANS POIDS DE CONTROLE SUPPLEMENTAIRES**
[72] KATTAINEN, ARI, FI
[72] STOLT, LAURI, FI
[73] KONE CORPORATION, FI
[86] (2862231)
[87] (2862231)
[22] 2014-09-08
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[25] EN
[54] **LASER BEAM-COMBINING OPTICAL DEVICE**
[54] **DISPOSITIF OPTIQUE A FAISCEAU LASER**
[72] SEKI, TOSHIHIDE, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2862616)
[87] (2862616)
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[25] EN
[54] **COLD ROLLED STEEL SHEET AND MANUFACTURING METHOD THEREOF**
[54] **TOLE D'ACIER LAMINEE A FROID ET SON PROCEDE DE PRODUCTION**
[72] NONAKA, TOSHIKI, JP
[72] KATO, SATOSHI, JP
[72] KAWASAKI, KAORU, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
[54] **PREVENTING EQUIPMENT FOULING VIA CORROSION REDUCTION**
[54] **PREVENTION DE L'ENCRASSEMENT D'UN EQUIPEMENT PAR REDUCTION DE LA CORROSION**
[72] BEDINGER, ROBERT WRIGHT, III, US
[72] NIEMASECK, BENJAMIN EDWARD, US
[72] PUCHOVICH, MARK JASON, US
[72] RICHARDSON, JOHN, US
[73] CHEMTREAT, INC., US
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[54] **NANOPARTICLE FORMULATIONS WITH ENHANCED MUCOSAL PENETRATION**
[54] **FORMULATIONS DE NANOPARTICULES PRESENTANT UNE PENETRATION AMELIOREE DANS LES MUQUEUSES**
[72] ENSIGN, LAURA, US
[72] CONE, RICHARD, US
[72] HANES, JUSTIN SCOT, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **METHOD OF REJECTING A DEFECTIVE UNIT DOSE POUCH FROM A MANUFACTURING LINE**
[54] **PROCEDE DE RETRAIT D'UN SACHET-DOSE DEFECTUEUX D'UNE CHAINE DE FABRICATION**
[72] MESKENS, STEFAN, BE
[72] JOHNSON, KERRY BRIAN, US
[72] BYRD, LEON, JR., US
[72] KHALAF, SUZANNE, BE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **DRIVE TRACK FOR SNOWMOBILE OR TRACKED VEHICLE**
[54] **CHENILLE D'ENTRAINEMENT POUR MOTONEIGE OU VEHICULE CHENILLE**
[72] DANDURAND, JULES, CA
[72] COURTEMANCHE, DENIS, CA
[73] CAMSO INC., CA
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[54] **DRIVE TRACK FOR SNOWMOBILE OR TRACKED VEHICLE**
[54] **CHENILLE D'ENTRAINEMENT POUR MOTONEIGE OU VEHICULE CHENILLE**
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[72] COURTEMANCHE, DENIS, CA
[73] CAMSO INC., CA
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[54] **A DRILL BIT AND CUTTERS FOR A DRILL BIT**
[54] **TREPAN ET DISPOSITIFS DE COUPE POUR TREPAN**
[72] PETTIET, ZANE MICHAEL, US
[73] DRILFORMANCE TECHNOLOGIES, LLC, US
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[54] **METHOD AND SYSTEM FOR HEAD-RELATED TRANSFER FUNCTION GENERATION BY LINEAR MIXING OF HEAD-RELATED TRANSFER FUNCTIONS**
[54] **PROCEDE HRTF ET SYSTEME POUR GENERATION DE FONCTION DE TRANSFERT DE TETE PAR MELANGE LINEAIRE DE FONCTIONS DE TRANSFERT DE TETE**
[72] MCGRATH, DAVID S., AU
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[51] **Int.Cl. H04L 12/875 (2013.01)**
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[54] **DATA COMMUNICATIONS NETWORK FOR AN AIRCRAFT**
[54] **RESEAU DE COMMUNICATION DE DONNEES POUR UN AERONEF**
[72] BOBREK, PAVLO, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2867214)
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[54] **DATA COMMUNICATIONS NETWORK FOR AN AIRCRAFT**
[54] **RESEAU DE COMMUNICATION DE DONNEES POUR UN AREONEF**
[72] BOBREK, PAVLO, US
[73] GE AVIATION SYSTEMS LLC, US
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[54] **FIELD-PORTABLE HOLE BROACHING MACHINES AND METHODS FOR USING THE SAME**
[54] **BROCHEUSE A TROU PORTABLE ET PROCEDES D'UTILISATION DE CELLE-CI**
[72] KRUEGER, DARRELL ROBERT, US
[73] BNSF RAILWAY COMPANY, US
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[54] **POWER USAGE MONITORING OF POWER FEED CIRCUITS USING POWER DISTRIBUTION UNITS**
[54] **SURVEILLANCE DE LA CONSOMMATION D'ELECTRICITE DE CIRCUITS D'ALIMENTATION ELECTRIQUE A L'AIDE D'UNITES DE DISTRIBUTION D'ELECTRICITE**
[72] NICHOLSON, CALVIN, US
[72] GORDON, MICHAEL, US
[73] SERVER TECHNOLOGY, INC., US
[85] 2014-09-19
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[25] EN
[54] **INTEGRATED COMMUNICATION AND APPLICATION SYSTEM FOR AIRCRAFT WITH RUNWAY BRAKING CONDITION APPLICATION**
[54] **SYSTEME D'APPLICATION ET DE COMMUNICATION INTEGRE POUR AERONEF COMPORTANT UNE APPLICATION DE CONDITION DE FREINAGE SUR LA PISTE**
[72] HATHAWAY, DAVID, CA
[73] WESTJET AIRLINES LTD., CA
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[54] **SAMPLE PREPARATION FOR FLOW CYTOMETRY**
[54] **PREPARATION D'ECHANTILLON POUR CYTOMETRIE DE FLUX**
[72] LI, XIAO, US
[72] ZHANG, YONGQIANG, US
[72] KOPHER, KENNETH ANTHONY, US
[72] MANTLO, JOHN D., US
[72] POPE, WILLIAM ALFRED, US
[72] SHI, SONG, US
[72] YUP, AXEL A., US
[73] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **INSTRUCTION TRIGGERING METHOD AND DEVICE, USER INFORMATION ACQUISITION METHOD AND SYSTEM, TERMINAL, AND SERVER**
[54] **PROCEDE ET DISPOSITIF DE DECLENCHEMENT D'INSTRUCTION, PROCEDE ET SYSTEME D'ACQUISITION D'INFORMATIONS D'UTILISATEUR, TERMINAL ET SERVEUR**
[72] ZHANG, XIAOLONG, CN
[72] WU, GUANCHU, CN
[72] XIE, YONGBO, CN
[72] HUANG, LEI, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[30] CN (201210109917.6) 2012-04-16
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[25] EN
[54] **PULSED INPUT PUSH-TO-TALK SYSTEMS, METHODS AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE MESSAGERIE INSTANTANEE VOCALE A ENTREE PAR IMPULSIONS**
[72] LARSON, DAVID, US
[72] PEAVYHOUSE, PAUL, US
[72] CLACK, DERICK, US
[73] TWISTED PAIR SOLUTIONS, INC., US
[85] 2014-10-07
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[51] **Int.Cl. F16L 11/12 (2006.01) F16K 7/07 (2006.01) F16L 11/20 (2006.01) F16L 39/02 (2006.01)**
[25] EN
[54] **SELF-DRAINING HOSE**
[54] **TUYAU SOUPLE AUTO-DRAINANT**
[72] WALSH, ROGER C., CA
[73] WALSH, ROGER C., CA
[85] 2014-10-17
[86] 2013-04-12 (PCT/CA2013/000353)
[87] (WO2013/155596)
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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/13 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **PLUG COUNTER, FRACING SYSTEM AND METHOD**
[54] **COMPTEUR ENFICHABLE, SYSTEME DE FRACTURATION ET PROCEDE**
[72] O'CONNELL, MARIA M., US
[72] XU, YANG, US
[72] MIRELESS, HECTOR H., US
[72] KORKMAZ, LALE, US
[73] BAKER HUGHES INCORPORATED, US
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[22] 2011-06-23
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[25] EN
[54] **THREADED JOINT FOR STEEL PIPE**
[54] **RACCORD FILETE POUR TUYAU EN ACIER**
[72] SASAKI, MASAYOSHI, JP
[72] SUMITANI, KATSUTOSHI, JP
[72] GOTO, KUNIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2014-10-30
[86] 2013-06-04 (PCT/JP2013/065472)
[87] (WO2013/183634)
[30] JP (2012-130134) 2012-06-07

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[13] C
[51] **Int.Cl. G02B 6/32 (2006.01) G02B 6/38 (2006.01)**
[25] EN
[54] **FIBER OPTIC CONNECTOR FOR A SEGMENTED FTTH OPTICAL NETWORK**
[54] **CONNECTEUR POUR FIBRES OPTIQUES DESTINE A UN RESEAU OPTIQUE FTTH SEGMENTE**
[72] GALL, DONALD T., US
[72] PANGRAC, DAVID M., US
[73] PANGRAC & ASSOCIATES DEVELOPMENT, INC., US
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[87] (2872800)
[22] 2003-04-23
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[51] **Int.Cl. C22B 3/22 (2006.01) C22B 3/46 (2006.01) C22B 19/00 (2006.01)**
[25] EN
[54] **CADMIUM REMOVING PROCESS IN ZINC-CONTAINING SOLUTION PURIFICATION AND PURIFICATION METHOD OF ZINC-CONTAINING SOLUTION**
[54] **PROCEDE D'ELIMINATION DE CADMIUM EN PURIFICATION DE SOLUTION CONTENANT DU ZINC ET PROCEDE DE PURIFICATION DE SOLUTION CONTENANT DU ZINC**
[72] GAO, LIN, CN
[72] WANG, TAO, CN
[73] INTERMET TECHNOLOGIES CHENGDU CO., LTD, CN
[85] 2014-11-07
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[87] (WO2013/166789)
[30] CN (201210137907.3) 2012-05-07

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[51] **Int.Cl. B60G 7/00 (2006.01) B21D 19/00 (2006.01)**
[25] EN
[54] **COUPLING STRUCTURE, COUPLING MEMBER HAVING COUPLING STRUCTURE, AND METHOD FOR MANUFACTURING COUPLING MEMBER HAVING COUPLING STRUCTURE**
[54] **STRUCTURE D'ACCOUPLEMENT, ELEMENT D'ACCOUPLEMENT AYANT UNE STRUCTURE D'ACCOUPLEMENT ET PROCEDE POUR PRODUIRE UN ELEMENT D'ACCOUPLEMENT AYANT UNE STRUCTURE D'ACCOUPLEMENT**
[72] SHIRAKAMI, SATOSHI, JP
[72] MIZUMURA, MASAAKI, JP
[72] YOSHIDA, TOHRU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-11-24
[86] 2013-06-07 (PCT/JP2013/065861)
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[51] **Int.Cl. H04L 7/00 (2006.01) H04L 1/24 (2006.01)**
[25] EN
[54] **UNIVERSAL SYNCHRONIZATION ENGINE BASED ON PROBABILISTIC METHODS FOR GUARANTEE OF LOCK IN MULTIFORMAT AUDIO SYSTEMS**
[54] **MOTEUR DE SYNCHRONISATION UNIVERSEL BASE SUR DES METHODES PROBABILISTES POUR GARANTIR LE VERROUILLAGE DE SYSTEMES AUDIO MULTIFORMAT**
[72] POULSEN, JENS KRISTIAN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-11-27
[86] 2013-03-14 (PCT/CA2013/000232)
[87] (WO2013/177665)
[30] US (61/654,287) 2012-06-01
[30] US (61/714,156) 2012-10-15
[30] US (13/784,457) 2013-03-04

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[51] **Int.Cl. H01M 4/1391 (2010.01) B01D 9/02 (2006.01) B01J 19/00 (2006.01) C01G 53/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING REACTION AGGLOMERATED PARTICLES, METHOD OF MANUFACTURING CATHODE ACTIVE MATERIAL FOR LITHIUM ION BATTERY, AND METHOD OF MANUFACTURING LITHIUM ION BATTERY CONTAINING CATHODE ACTIVE MATERIAL FOR LITHIUM ION BATTERY**
[54] **METHODE DE FABRICATION DE PARTICULES AGGLOMEREES PAR REACTION, METHODE DE FABRICATION DE MATERIAU ACTIF DE CATHODE DESTINE AUX PILES LITHIUM-ION ET METHODE DE FABRICATION DE PILE LITHIUM-ION COMPORTANT LE MATERIAU ACTIF DE CATHODE DESTINE AUX PILES LITHIUM-ION**
[72] DOYA, YO, JP
[72] GOTO, HIDENORI, JP
[73] TSUKISHIMA KIKAI CO., LTD., JP
[85] 2014-12-04
[86] 2013-02-15 (PCT/JP2013/053629)
[87] (WO2013/190861)
[30] JP (2012-139618) 2012-06-21

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[13] C
[51] **Int.Cl. A47L 13/12 (2006.01) A47L 13/26 (2006.01)**
[25] EN
[54] **CLEANING DEVICE HAVING ONBOARD REPLACEABLE CLEANING PAD AND ONBOARD REPLACEABLE CLEANING SOLUTION**
[54] **DISPOSITIF DE NETTOYAGE PRESENTANT UN TAMPON DE NETTOYAGE REMPLACABLE MONTE SUR OUTIL ET SOLUTION DE NETTOYAGE REMPLACABLE MONTEE SUR OUTIL**
[72] SHAFER, ADAM ROBERT-GEORGE, US
[72] SCHULLER, DAVID WILLIAM, US
[72] ZEMSKOV, IGOR IVANOVICH, US
[72] TEUFEL, RAINER BERNHARD, US
[72] LANE, RICHARD LEE, US
[72] HUANG, SAN-JAN ALAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-12-09
[86] 2013-06-06 (PCT/US2013/044399)
[87] (WO2013/188197)
[30] US (13/523,432) 2012-06-14

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[13] C
[51] **Int.Cl. H04W 74/02 (2009.01) H04W 74/04 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **RESOLVING HIDDEN NODE PROBLEM IN SYNCHRONIZED DCF BASED CHANNEL ACCESS IN WLAN**
[54] **RESOLUTION D'UN PROBLEME DE NŒUDS CACHES POUR ACCES AU CANAL DCF SYNCHRONISE DANS UN WLAN**
[72] CHOUDHURY, SAYANTAN, US
[72] GHOSH, CHITTABRATA, US
[72] KIM, TAEJOON, US
[72] DOPPLER, KLAUS FRANZ, US
[72] TUOMAALA, ESA, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2014-12-15
[86] 2013-06-10 (PCT/FI2013/050627)
[87] (WO2014/023873)
[30] US (13/534,384) 2012-06-27

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[25] EN
[54] **OXAZOLIDINONE ANTIBIOTICS**
[54] **ANTIBIOTIQUES A BASE D'OXAZOLIDINONE**
[72] BUR, DANIEL, CH
[72] HUBSCHWERLEN, CHRISTIAN, FR
[72] RUEEDI, GEORG, CH
[72] SURIVET, JEAN-PHILIPPE, FR
[72] ZUMBRUNN-ACKLIN, CORNELIA, CH
[73] ACTELION PHARMACEUTICALS LTD, CH
[86] (2876878)
[87] (2876878)
[22] 2008-04-11
[62] 2,679,071
[30] IB (PCT/IB2007/051290) 2007-04-11
[30] IB (PCT/IB2007/054587) 2007-11-12
[30] IB (PCT/IB2007/054768) 2007-11-23

[11] **2,877,224**
[13] C
[51] **Int.Cl. B29C 70/18 (2006.01)**
[25] EN
[54] **FABRICATION OF COMPOSITE LAMINATES USING TEMPORARILY STITCHED PREFORMS**
[54] **FABRICATION DE PRODUITS LAMELLES COMPOSITES A L'AIDE DE PREFORMES COUSUES TEMPORAIREMENT**
[72] COXON, BRAD ANDREW, US
[73] THE BOEING COMPANY, US
[86] (2877224)
[87] (2877224)
[22] 2015-01-09
[30] US (14/219,737) 2014-03-19

[11] **2,877,325**
[13] C
[51] **Int.Cl. B65B 11/30 (2006.01) B65B 25/14 (2006.01) B65B 45/00 (2006.01) B65B 63/02 (2006.01) B65B 65/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR PACKING STACKS OF FOLDED TISSUE PRODUCTS AND THE LIKE WITH FILM**
[54] **APPAREIL D'EMBALLAGE DE PILES DE PRODUITS EN TISSU PLIES ET AUTRES A L'AIDE D'UN FILM**
[72] MELLIN, ANDRE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-12-18
[86] 2013-06-06 (PCT/US2013/044400)
[87] (WO2013/191914)
[30] US (13/525,441) 2012-06-18

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[13] C
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 7/02 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **DRIVE SYSTEMS FOR USE WITH LONG LATERAL COMPLETION SYSTEMS AND METHODS**
[54] **SYSTEMES D'ENTRAINEMENT A EMPLOYER AVEC DES SYSTEMES ET DES PROCEDES DE COMPLETION LATERALE LONGUE**
[72] FLUSCHE, MARK J., US
[73] SUPERIOR ENERGY SERVICES-NORTH AMERICA SERVICES, INC., US
[85] 2014-12-19
[86] 2013-06-20 (PCT/US2013/000157)
[87] (WO2013/191734)
[30] US (13/507,347) 2012-06-21

[11] **2,877,547**
[13] C
[51] **Int.Cl. G06T 5/00 (2006.01) G06T 5/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RESIDUAL ANALYSIS OF IMAGES**
[54] **SYSTEME ET PROCEDE D'ANALYSE RESIDUELLE D'IMAGES**
[72] FLANDERS, BRADLEY A., US
[72] ROBINSON, IAN S., US
[73] RAYTHEON COMPANY, US
[85] 2014-12-19
[86] 2013-05-29 (PCT/US2013/043037)
[87] (WO2014/007925)
[30] US (13/542,181) 2012-07-05

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[13] C
[51] **Int.Cl. A61L 29/08 (2006.01) A61L 29/16 (2006.01)**
[25] EN
[54] **POST-PROCESSING OF A MEDICAL DEVICE TO CONTROL MORPHOLOGY AND MECHANICAL PROPERTIES**
[54] **TRAITEMENT POSTERIEUR D'UN DISPOSITIF MEDICAL POUR EN CONTROLER LA MORPHOLOGIE ET LES PROPRIETES MECANIQUES**
[72] RUANE, PATRICK H., US
[73] THE SPECTRANETICS CORPORATION, US
[85] 2014-12-10
[86] 2013-06-27 (PCT/US2013/048052)
[87] (WO2014/004760)
[30] US (61/665,758) 2012-06-28

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[13] C
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 9/46 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RESERVOIR SIMULATION**
[54] **SYSTEMES ET PROCEDES DESTINES A UNE SIMULATION DE RESERVOIR**
[72] KILLOUGH, JOHN EDWIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-12-22
[86] 2013-06-14 (PCT/US2013/045966)
[87] (WO2014/011358)
[30] US (13/545,610) 2012-07-10

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[13] C
[51] **Int.Cl. B65D 19/00 (2006.01)**
[25] EN
[54] **CORRUGATED PALLET CONSTRUCTED OF FOLDED, INTERLOCKED BLANKS AND METHOD**
[54] **PALETTE ONDULEE COMPOSEE DE DECOUPES PLIEES ET VERROUILLEES ET PROCEDE**
[72] SKETO, JAMES L., US
[72] OLVEY, DOUGLAS A., US
[73] DESIGN PALLETS, INC., US
[85] 2014-12-23
[86] 2013-06-26 (PCT/US2013/048007)
[87] (WO2014/004742)
[30] US (61/664,827) 2012-06-27
[30] US (61/665,358) 2012-06-28

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[51] **Int.Cl. G07C 9/00 (2006.01) H01R 13/639 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **ACCESS CREDENTIAL READER CONNECTOR**
[54] **CONNECTEUR DE LECTEUR DE JUSTIFICATIF D'IDENTITE D'ACCES**
[72] CONLIN, MICHAEL T., US
[73] XCEEDID CORPORATION, US
[85] 2014-12-24
[86] 2013-06-25 (PCT/US2013/047679)
[87] (WO2014/004553)
[30] US (61/664,147) 2012-06-25

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[51] **Int.Cl. B23K 9/10 (2006.01) H02M 1/42 (2007.01) B23K 9/32 (2006.01) H02M 3/157 (2006.01) H02M 7/00 (2006.01) H05K 7/14 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **POWER CONVERTER FOR ENGINE GENERATOR WITH AN INSULATING SUPPORT SUPPORTING A RECTIFIER, PLATE LIKE DC BUS AND POWER CONVERTER CIRCUIT**
[54] **CONVERTISSEUR DE PUISSANCE POUR GENERATEUR DE MOTEUR, COMPRENANT UN SUPPORT ISOLANT PORTANT UN REDRESSEUR, BUS CC DE TYPE PLAQUE ET CIRCUIT CONVERTISSEUR DE PUISSANCE**
[72] JOCHMAN, NATHAN J., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-23
[86] 2013-07-26 (PCT/US2013/052381)
[87] (WO2014/018918)
[30] US (61/676,769) 2012-07-27
[30] US (13/910,067) 2013-06-04

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[51] **Int.Cl. G01N 3/12 (2006.01) G01N 3/10 (2006.01) G01N 33/38 (2006.01)**
[25] EN
[54] **CEMENT TESTING**
[54] **TEST DU CIMENT**
[72] MEADOWS, DAVID LEON, US
[72] DARBE, ROBERT PHILLIP, US
[72] JIMENEZ, WALMY CUELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-23
[86] 2013-03-22 (PCT/US2013/033566)
[87] (WO2014/007878)
[30] US (13/542,011) 2012-07-05

[11] **2,878,076**
[13] C
[51] **Int.Cl. B23K 9/133 (2006.01)**
[25] EN
[54] **SELF-ALIGNING WIRE FEEDER ASSEMBLY**
[54] **DISPOSITIF D'ALIMENTATION DE FIL A ALIGNEMENT AUTOMATIQUE**
[72] MATIASH, NICHOLAS A., US
[72] SAMMONS, MICHAEL A., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-29
[86] 2013-09-03 (PCT/US2013/057889)
[87] (WO2014/039456)
[30] US (13/604,044) 2012-09-05

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[51] **Int.Cl. B05C 5/00 (2006.01) B05B 15/02 (2006.01) B05C 5/02 (2006.01) B05C 9/06 (2006.01) B05C 11/10 (2006.01) B27G 11/02 (2006.01)**
[25] EN
[54] **FLUID DISPENSING SYSTEM WITH NOZZLE HEATER**
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE A ELEMENT DE CHAUFFAGE DE BUSE**
[72] REILAND, DOUGLAS H., US
[72] FLATT, LARRY W., US
[72] JENKINS, PAUL M., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-31
[86] 2013-09-12 (PCT/US2013/059431)
[87] (WO2014/046959)
[30] US (61/702,565) 2012-09-18
[30] US (13/946,766) 2013-07-19

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[13] C
[51] **Int.Cl. B65G 47/53 (2006.01)**
[25] EN
[54] **TRANSPORT CONVEYER AND TRANSPORT FACILITY**
[54] **CONVOYEUR DE TRANSPORT ET INSTALLATION DE TRANSPORT**
[72] ISOMURA, TAKUYA, JP
[73] DAIFUKU CO., LTD., JP
[85] 2015-01-02
[86] 2012-07-04 (PCT/JP2012/067110)
[87] (WO2014/006707)

[11] **2,879,953**
[13] C
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/62 (2006.01)**
[25] EN
[54] **MICRO PROPPANTS FOR FAR FIELD STIMULATION**
[54] **MICROAGENTS DE SOUTENEMENT POUR UNE STIMULATION EN CHAMP LOINTAIN**
[72] SAINI, RAJESH KUMAR, US
[72] TODD, BRADLEY L., US
[72] WEAVER, JIMMIE D., US
[72] OGLE, JAMES W., US
[72] LOVELESS, DAVID MICHAEL, US
[72] NGUYEN, PHILIP, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-22
[86] 2013-07-31 (PCT/US2013/053072)
[87] (WO2014/022587)
[30] US (13/565,303) 2012-08-02

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[13] C
[51] **Int.Cl. G09G 3/22 (2006.01) E03C 1/04 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **COLOR CHANGING BACKLIGHT FOR FLUID DELIVERY DEVICES DISPLAYING TEMPERATURE**
[54] **RETROECLAIRAGE A CHANGEMENT DE COULEUR POUR DISPOSITIFS DE DISTRIBUTION DE FLUIDE AFFICHANT LA TEMPERATURE**
[72] SCHNEIDER, RANDY, US
[72] COLLEVECHIO, SCOTT, US
[73] DELTA FAUCET COMPANY, US
[86] (2880076)
[87] (2880076)
[22] 2015-01-27
[30] US (61/934,371) 2014-01-31

[11] **2,880,149**
[13] C
[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/248 (2016.01)**
[25] EN
[54] **FUEL CELL AND FUEL CELL STACK WITH MAINTAINED ELECTRICAL CONNECTION**
[54] **PILE A COMBUSTIBLE ET EMPILEMENT DE PILES A COMBUSTIBLE A CONNEXION ELECTRIQUE MAINTENUE**
[72] HOTTA, NOBUYUKI, JP
[72] TANIMURA, RYOJI, JP
[72] MIZUNO, ATSUSHI, JP
[72] MORIKAWA, TETSUYA, JP
[73] NGK SPARK PLUG CO., LTD., JP
[85] 2015-01-26
[86] 2013-07-25 (PCT/JP2013/004530)
[87] (WO2014/017097)
[30] JP (2012-166612) 2012-07-27

[11] **2,880,344**
[13] C
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **REMOTE ACTIVATED DEFLECTOR**
[54] **DEFLECTEUR ACTIVE A DISTANCE**
[72] DONOVAN, STACEY BLAINE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2012-08-01 (PCT/US2012/049227)
[87] (WO2014/021889)

[11] **2,880,362**
[13] C
[51] **Int.Cl. B27B 31/00 (2006.01)**
[25] EN
[54] **RETRACT TO LOAD LOG STEP FEEDER**
[54] **DISPOSITIF D'ALIMENTATION ETAGEE DE RETRAIT-CHARGEMENT POUR BILLES DE BOIS**
[72] COCKER, WILLIAM C., CA
[72] LARSEN, GARRY C., CA
[73] LAR-CO SALES LTD., CA
[86] (2880362)
[87] (2880362)
[22] 2015-01-30

[11] **2,880,711**
[13] C
[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/2183 (2011.01) H04N 21/432 (2011.01) H04N 21/435 (2011.01) G06F 21/62 (2013.01) G06F 12/02 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **PREDICTIVE CACHING FOR CONTENT**
[54] **MISE EN MEMOIRE CACHE PREDICTIVE DE CONTENU**
[72] FREEMAN, JAMES MARVIN, II, US
[72] BROMBERG, AARON M., US
[72] HERRON-PATMON, BRYANT F., US
[72] KARMACHARYA, NUSH, US
[72] BARNARD, JOSHUA B., US
[72] CHEN, PETER WEI-CHIH, US
[72] SLOTNICK, STEPHEN A., US
[72] DUBEY, ABHISHEK, US
[72] WATTS, ANDREW J., US
[72] WINOGRAD, RICHARD J., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-01-30
[86] 2013-08-21 (PCT/US2013/055980)
[87] (WO2014/031746)
[30] US (13/592,752) 2012-08-23

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[13] C
[51] **Int.Cl. C01F 11/18 (2006.01) C09C 1/02 (2006.01) C09C 3/04 (2006.01) D21H 19/38 (2006.01)**
[25] EN
[54] **PROCESS OF MANUFACTURING CO-GROUND CALCIUM CARBONATE WITH CERIA-CONTAINING ZIRCONIUM OXIDE BEADS**
[54] **PROCEDE DE FABRICATION DE CARBONATE DE CALCIUM CO-BROYE AVEC DES BILLES A OXYDE DE ZIRCONIUM CONTENANT DE L'OXYDE DE CERIUM**
[72] RAINER, CHRISTIAN, AT
[72] POHL, MICHAEL, AT
[73] OMYA INTERNATIONAL AG, CH
[86] (2880965)
[87] (2880965)
[22] 2006-09-12
[62] 2,622,757
[30] EP (05077113.8) 2005-09-16

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[13] C
[51] **Int.Cl. C10C 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE CONVERSION OF ASPHALTENES TO LIGHT FRACTIONS**
[54] **METHODE DE CONVERSION DES ASPHALTENES EN FRACTIONS LEGERES**
[72] GAO, JINSEN, CN
[72] WANG, GANG, CN
[72] XU, CHUNMING, CN
[72] JIN, NAN, CN
[73] CHINA UNIVERSITY OF PETROLEUM-BEIJING, CN
[86] (2881233)
[87] (2881233)
[22] 2015-02-06
[30] CN (201410418880.4) 2014-08-22

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[25] EN
[54] **SLATTED BED FRAME WITH INTEGRABLE SHOULDER ZONE LOWERING DEVICE**
[54] **CADRE DE LIT A LATTES COMPORTANT UN MECANISME INTEGRABLE D'ABAISSEMENT A HAUTEUR D'EPAULE**
[72] AMANN-JENNSON, GUENTHER W., AT
[72] AMANN, ELISABETH, AT
[73] SAMINA PRODUKTIONS- & HANDELS GMBH, AT
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[54] **ENSEMBLE OUTIL**
[72] HAIMER, FRANZ, DE
[73] FRANZ HAIMER MASCHINENBAU KG, DE
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[54] **COMPOSITE STRUCTURE HAVING A STABILIZING ELEMENT**
[54] **STRUCTURE COMPOSITE DOTEE D'UN ELEMENT STABILISATEUR**
[72] MATSEN, MARC R., US
[72] NEGLEY, MARK A., US
[73] THE BOEING COMPANY, US
[85] 2015-02-05
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[25] EN
[54] **CYTOPLASMIC MALE STERILE EUSTOMA AND A METHOD FOR DEVELOPING THEREOF**
[54] **EUSTOMA AYANT UNE STERILITE MALE CYTOPLASMIQUE ET PROCEDE DE PRODUCTION DE LADITE EUSTOMA**
[72] MORI, KAZUTOSHI, JP
[72] IZUMIDA, ATSUSHI, JP
[72] HORIUCHI, SHINGO, JP
[72] SUZUKI, TAKAO, JP
[73] SAKATA SEED CORPORATION, JP
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[25] EN
[54] **CURRENT COLLECTOR BAR APPARATUS, SYSTEM, AND METHOD OF USING THE SAME**
[54] **APPAREIL A BARRE DE PRELEVEMENT DE COURANT, SYSTEME ET PROCEDE POUR SON UTILISATION**
[72] BEELER, RICHARD M., US
[72] D'ASTOLFO, LEROY E., JR., US
[73] ALCOA USA CORP., US
[85] 2015-02-23
[86] 2013-09-10 (PCT/US2013/058886)
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[25] EN
[54] **TOPICAL COMPOSITIONS COMPRISING INORGANIC PARTICULATES AND AN ALKOXYLATED DIPHENYLACRYLATE COMPOUND**
[54] **COMPOSITIONS TOPIQUES COMPRENANT DES PARTICULES INORGANIQUES ET UN COMPOSE DIPHENYLACRYLATE ALCOXYLE**
[72] SUSAK, MILANKA, CA
[72] SYED, ISMAIL A., US
[72] NAJDEK, LINDA J., US
[72] IONITA-MANZATU, MIRELA CRISTINA, US
[73] ELC MANAGEMENT LLC, US
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[25] EN
[54] **A BREATH OPERATED INHALER WITH PLUME IMPIGING AIR JETS**
[54] **INHALATEUR ACTIVE PAR RESPIRATION AYANT DES JETS D'AIR AFFECTANT UN PANACHE**
[72] HEARN, ALEX, GB
[73] KIND CONSUMER LIMITED, GB
[85] 2015-02-24
[86] 2013-08-27 (PCT/GB2013/052240)
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[25] EN
[54] **METHODS AND SYSTEMS FOR AUTOMATED PLY LAYUP FOR COMPOSITES**
[54] **PROCEDES ET SYSTEMES DE CONFIGURATION AUTOMATISEE DE PLIS POUR COMPOSITES**
[72] SHAIR, SULTAN, DE
[72] O'FLYNN, JULIAN THOMAS, DE
[72] MESSMER, MATHIAS, DE
[72] WORTHOFF, FRANK, US
[72] OSTOJIC, MILE, DE
[72] VERMILYEA, MARK E., US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-02-19
[86] 2013-07-29 (PCT/US2013/052450)
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[25] EN
[54] **LOCALIZATION WITHIN AN ENVIRONMENT USING SENSOR FUSION**
[54] **REPERAGE DANS UN ENVIRONNEMENT A L'AIDE DE LA FUSION DE CAPTEURS**
[72] TRAUTMAN, PETER F., US
[72] LI, HUI, US
[72] HIGGINS, ROBERT P., US
[73] THE BOEING COMPANY, US
[86] (2883622)
[87] (2883622)
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[51] **Int.Cl. G01R 31/08 (2006.01)**
[25] EN
[54] **GSM/GPRS SYSTEM TO DETECT AND LOCATE HIGH IMPEDANCE FAULTS ON MEDIUM VOLTAGE DISTRIBUTION NETWORKS IN HIGH RESISTIVITY AREAS**
[54] **SYSTEME GSM/GPRS POUR DETECTER ET LOCALISER DES DEFAUTS A HAUTE IMPEDANCE SUR DES RESEAUX DE DISTRIBUTION MOYENNE TENSION DANS DES ZONES A HAUTE RESISTIVITE**
[72] AL-GHANNAM, SAMI H., SA
[72] KHAN, YASIN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] KING SAUD UNIVERSITY, SA
[85] 2015-02-27
[86] 2013-09-13 (PCT/US2013/059673)
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[25] EN
[54] **METHOD AND APPARATUS FOR HANDLING HARVESTED ROOT CROPS**
[54] **PROCEDE ET APPAREIL POUR MANIPULER DES RACINES COMESTIBLES CULTIVEES**
[72] MCGLOUGHLIN, JOHN, IE
[72] FROST, JAMES, IE
[72] MOYNIHAN, MAURICE, IE
[73] TOMRA SORTING LIMITED, IE
[85] 2015-03-06
[86] 2013-08-30 (PCT/EP2013/068031)
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[30] IE (2012/0388) 2012-09-07

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[51] **Int.Cl. C04B 22/08 (2006.01) C04B 28/00 (2006.01) C04B 28/02 (2006.01)**
[25] EN
[54] **ANTIFREEZE COMPOSITION FOR PRODUCING A DURABLE CONCRETE IN COLD TEMPERATURE CONDITIONS**
[54] **COMPOSITION ANTIGEL PERMETTANT LA PRODUCTION D'UN BETON DURABLE A BASSE TEMPERATURE**
[72] FRANKE, WOLFRAM, NO
[73] YARA INTERNATIONAL ASA, NO
[85] 2015-03-09
[86] 2013-09-23 (PCT/EP2013/069702)
[87] (WO2014/048871)
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[54] **SHELF SYSTEM**
[54] **DISPOSITIF DE TABLETTE**
[72] BENNIE, WILLIAM BURR, US
[72] ALLEN, JOHN, US
[72] PARKER, DANIEL GEORGE, US
[72] YOUNGS, BRADLEY D., US
[72] LARSON, ALVIN BERDETTE, US
[73] STEELCASE INC., US
[86] (2885005)
[87] (2885005)
[22] 2015-03-17
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[25] EN
[54] **OLIGONUCLEOTIDE AND ARTIFICIAL NUCLEOSIDE HAVING GUANIDINE BRIDGE**
[54] **OLIGONUCLEOTIDE ET NUCLEOSIDE ARTIFICIEL AYANT UN PONT GUANIDINE**
[72] OBIKA, SATOSHI, JP
[72] KOTOBUKI, YUTARO, JP
[72] WAKI, REIKO, JP
[73] OSAKA UNIVERSITY, JP
[85] 2015-03-20
[86] 2013-09-19 (PCT/JP2013/075370)
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[30] JP (2012-208906) 2012-09-21
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[51] **Int.Cl. H02H 5/04 (2006.01) H02H 7/22 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING MULTIPLE ELECTRICAL ENERGY LINES IN A CABLE STRAND**
[54] **PROCEDE POUR SURVEILLER DE MULTIPLES LIGNES D'ENERGIE ELECTRIQUES DANS UN FAISCEAU DE CABLES**
[72] DE BOER, JOACHIM, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-03-23
[86] 2013-08-23 (PCT/EP2013/067588)
[87] (WO2014/053273)
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[25] EN
[54] **BUCKET AND ITS USE**
[54] **GODET ET SON UTILISATION**
[72] PASKI, EERO, FI
[73] POHMAKO KY, FI
[85] 2015-03-25
[86] 2013-09-27 (PCT/FI2013/050942)
[87] (WO2014/053698)
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[25] EN
[54] **TRANSPORTING FOLDED WING AGRICULTURAL IMPLEMENTS**
[54] **TRANSPORT D'ACCESSOIRES AGRICOLES A AILE PLIEE**
[72] BEAUJOT, NORBERT, CA
[72] KINCH, OWEN, CA
[72] OTTENBREIT, TIMOTHY, CA
[73] SEEDMASTER MANUFACTURING LTD., CA
[86] (2886167)
[87] (2886167)
[22] 2015-03-26

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[13] C
[51] **Int.Cl. B29C 70/52 (2006.01) B29C 43/30 (2006.01) B29C 53/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING THICK THERMOPLASTIC COMPOSITE STRUCTURES**
[54] **PROCEDE ET APPAREIL POUR FORMER DES STRUCTURES COMPOSITES THERMOPLASTIQUES EPAISSES**
[72] WILKERSON, RANDALL D., US
[72] FOX, JAMES R., US
[73] THE BOEING COMPANY, US
[85] 2015-03-25
[86] 2013-09-09 (PCT/US2013/058670)
[87] (WO2014/070305)
[30] US (13/663,660) 2012-10-30

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[51] **Int.Cl. E21B 49/08 (2006.01) G01N 21/25 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING FLUID ADDITIVE CONCENTRATIONS FOR REAL TIME DRILLING FLUID MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE MESURE DE CONCENTRATIONS D'ADDITIFS FLUIDES POUR LA GESTION DE FLUIDE DE FORAGE EN TEMPS REEL**
[72] JAMISON, DALE E., US
[72] ALMOND, STEPHEN W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-25
[86] 2013-12-06 (PCT/US2013/073612)
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[30] US (13/713,529) 2012-12-13

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[51] **Int.Cl. A61J 7/00 (2006.01) A61J 1/03 (2006.01)**
[25] EN
[54] **LOCKING CANISTER FOR DISPENSING MEDICATIONS**
[54] **CARTOUCHE VERROUILLABLE POUR LA DISTRIBUTION DE MEDICAMENT**
[72] NGUYEN, HUAN, US
[72] SILVA, RONALD, US
[72] ANTHONY, PHILIP M., US
[72] THOMPSON, EVAN P., US
[72] WESOLOWSKI, TREVOR K., US
[73] ALIXA RX LLC, US
[85] 2015-04-01
[86] 2013-10-04 (PCT/US2013/063545)
[87] (WO2014/055925)
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[51] **Int.Cl. E04F 13/21 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **WALL PANEL ASSEMBLY**
[54] **ENSEMBLE DE PANNEAUX DE PAROIS**
[72] PRICA, DRAZEN, CA
[72] PRICA, OGNJEN, CA
[73] PG BUILDING ENVELOPE INC., CA
[86] (2888326)
[87] (2888326)
[22] 2015-04-20
[30] US (61/983,056) 2014-04-23
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[25] EN
[54] **MEMRISTOR LINEAR MODELING METHOD FOR SWITCHED RELUCTANCE MOTOR**
[54] **PROCEDE DE MODELISATION D'UN MEMRISTOR LINEAIRE A MOTEUR A RELUCTANCE COMMUTEE**
[72] CHEN, HAO, CN
[72] LIANG, YAN, CN
[72] YU, DONGSHENG, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2015-04-20
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[51] **Int.Cl. G01R 31/34 (2006.01) G01R 31/3167 (2006.01)**
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[54] **STARTER MOTOR TESTING DEVICE**
[54] **DISPOSITIF DE TEST DE DEMARREUR**
[72] MATLOCK, ADAM, US
[73] MTU AMERICA INC., US
[85] 2015-04-22
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[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/90 (2013.01)**
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[54] **STENT RETAINING SYSTEMS**
[54] **SYSTEMES DE RETENUE D'ENDOPROTHESE**
[72] TATALOVICH, JOE, US
[72] THORSON, SARA, US
[72] MIEZWA, MEGAN, US
[72] ZAVER, STEVE, US
[72] KUSLEIKA, RICH, US
[72] NOFFKE, PAUL, US
[73] COVIDIEN LP, US
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[54] **WORK VEHICLE AND CONTROL METHOD FOR WORK VEHICLE**
[54] **VEHICULE UTILITAIRE ET SYSTEME DE COMMANDE DE VEHICULE UTILITAIRE**
[72] SAKAI, KATSUYUKI, JP
[73] KOMATSU LTD., JP
[85] 2015-04-27
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[51] **Int.Cl. G01V 3/26 (2006.01) E21B 7/04 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOOK AHEAD RESISTIVITY MEASUREMENT WITH OFFSET WELL INFORMATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE MESURER UNE RESISTIVITE VERS L'AVANT AVEC DES INFORMATIONS DE PUITS DE LIMITE**
[72] DONDERICI, BURKAY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **CONTROL METHOD, LIFT SYSTEM AND COMBINATION LIFT SYSTEM**
[54] **PROCEDE DE COMMANDE, INSTALLATION D'ASCENSEUR ET RESEAU D'INSTALLATION D'ASCENSEUR**
[72] SONNENMOSER, ASTRID, CH
[73] INVENTIO AG, CH
[85] 2015-04-30
[86] 2013-12-06 (PCT/EP2013/075738)
[87] (WO2014/095406)
[30] EP (12197682.3) 2012-12-18

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[13] C
[51] **Int.Cl. B02C 7/11 (2006.01) D21D 1/20 (2006.01)**
[25] EN
[54] **BLADE SEGMENT OF DISC REFINER**
[54] **SEGMENT DE LAME D'UN RAFFINEUR A DISQUE**
[72] SJOSTROM, HAKAN, FI
[72] KAARINEVA, MATTI, FI
[72] IISAKKILA, TOMI, FI
[73] VALMET TECHNOLOGIES, INC., FI
[86] (2890381)
[87] (2890381)
[22] 2015-05-04
[30] FI (20144124) 2014-05-26

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[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/36 (2006.01)**
[25] EN
[54] **IDENTIFICATION CHIP HOLDING APPARATUS, OPTICAL FIBER SPLICING AND DISTRIBUTION MODULE, OPTICAL FIBER MANAGEMENT APPARATUS, AND METHOD FOR ASSEMBLING OPTICAL FIBER MANAGEMENT APPARATUS**
[54] **APPAREIL DE RECEPTION DE PUCE D'IDENTIFICATION, MODULE D'EPISSAGE ET TERMINAISON DE FIBRE, APPAREIL DE GESTION DE FIBRE ET PROCEDE D'ASSEMBLAGE**
[72] GUO, MINGSONG, CN
[72] MA, JIANJUN, CN
[72] SHU, SIWEN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-05-06
[86] 2013-11-06 (PCT/CN2013/086652)
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[51] **Int.Cl. F02D 41/04 (2006.01) F02D 19/08 (2006.01) F02D 41/14 (2006.01) F02D 41/30 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE AND METHOD FOR OPERATING THE SAME**
[54] **MOTEUR A COMBUSTION INTERNE ET METHODE DE FONCTIONNEMENT DUDIT MOTEUR**
[72] ARNOLD, GEORG, AT
[72] AMPLATZ, ERWIN, AT
[72] KOPECEK, HERBERT, AT
[72] SCHAUMBERGER, HERBERT, AT
[72] SPYRA, NIKOLAUS, AT
[73] GE JENBACHER GMBH & CO OG, AT
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[87] (2891084)
[22] 2015-05-08
[30] AT (A 345/2014) 2014-05-09

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[51] **Int.Cl. F16C 32/06 (2006.01)**
[25] EN
[54] **AIR BEARING FOR USE AS SEAL**
[54] **PALIER A AIR DESTINE A ETRE UTILISE COMME JOINT D'ETANCHEITE**
[72] DEVITT, ANDREW, US
[72] POLLICK, RICHARD DUANE, US
[73] NEW WAY MACHINE COMPONENTS, INC., US
[85] 2015-05-19
[86] 2013-11-20 (PCT/US2013/071114)
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[30] US (61/728,595) 2012-11-20
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[51] **Int.Cl. D04H 3/12 (2006.01)**
[25] EN
[54] **MECHANICALLY STRONG ABSORBENT NON-WOVEN FIBROUS MATS**
[54] **MATS FIBREUX NON TISSES ABSORBANTS PRESENTANT UNE FORTE RESISTANCE MECANIQUE**
[72] SMITH, DANIEL J., US
[72] RENEKER, DARRELL H., US
[73] THE UNIVERSITY OF AKRON, US
[86] (2892249)
[87] (2892249)
[22] 2006-05-16
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[25] EN
[54] **INFUSION ADAPTER FOR DRUG TRANSFER ASSEMBLY**
[54] **ADAPTATEUR DE PERFUSION POUR ENSEMBLE DE TRANSFERT DE MEDICAMENT**
[72] FEARIS, PAUL, US
[72] HANNER, GERT, SE
[72] STOLTZ, FREDRIK, SE
[72] PATEL, ALPA, US
[72] HARDING, WESTON, US
[73] BECTON DICKINSON AND COMPANY LIMITED, IE
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[51] **Int.Cl. F16J 15/10 (2006.01) H05B 7/12 (2006.01)**
[25] EN
[54] **SEALING DEVICE**
[54] **DISPOSITIF D'ETANCHEITE**
[72] OLLILA, JANNE, FI
[72] KERANEN, TAPIO, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-05-27
[86] 2013-12-18 (PCT/FI2013/051179)
[87] (WO2014/096543)
[30] FI (20126339) 2012-12-20

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[13] C
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/08 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ANGLED IMPINGEMENT INSERT**
[54] **DISTRIBUTEUR D'AIR DE REFROIDISSEMENT INCLINE**
[72] BUNKER, RONALD SCOTT, US
[72] ALLEN, JASON RANDOLPH, US
[72] PORTER, RYAN NICHOLAS, US
[72] PRITCHARD, BYRON ANDREW, US
[72] GREENWELL, CHRISTOPHER JOSEPH, US
[72] STONE, TIMOTHY DERYCK, US
[72] PRITCHARD, ANDREW STEPHEN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2893058)
[87] (2893058)
[22] 2015-05-28
[30] US (62/004,723) 2014-05-29
[30] US (14/717,547) 2015-05-20

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[13] C
[51] **Int.Cl. D06P 1/52 (2006.01)**
[25] EN
[54] **DYED OLEFIN YARNS AND TEXTILE FABRICS USING SUCH YARNS**
[54] **FILS TEINTS A BASE D'OLEFINE ET TISSUS TEXTILES UTILISANT DE TELS FILS**
[72] NEGOLA, EDWARD J., US
[73] AQUADYE FIBERS, INC., US
[86] (2893416)
[87] (2893416)
[22] 2015-06-02
[30] US (62/011,268) 2014-06-12
[30] US (14/711,354) 2015-05-13

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[13] C
[51] **Int.Cl. C08F 210/14 (2006.01) C08F 4/6592 (2006.01)**
[25] EN
[54] **CATALYST SYSTEM WITH THREE METALLOCENES FOR PRODUCING BROAD MOLECULAR WEIGHT DISTRIBUTION POLYMERS**
[54] **SYSTEME CATALYTIQUE COMPRENANT TROIS METALLOCENES POUR LA PRODUCTION DE POLYMERES PRESENTANT UNE LARGE DISTRIBUTION DES POIDS MOLECULAIRES**
[72] YANG, QING, US
[72] MCDANIEL, MAX P., US
[72] CRAIN, TONY R., US
[72] YU, YOULU, US
[72] INN, YONGWOO, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2015-06-03
[86] 2013-12-02 (PCT/US2013/072586)
[87] (WO2014/088938)
[30] US (13/706,389) 2012-12-06

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[25] EN
[54] **PERFUME SYSTEMS**
[54] **SYSTEMES DE PARFUM**
[72] DENUTTE, HUGO ROBERT GERMAIN, BE
[72] PINTENS, AN, BE
[72] SMETS, JOHAN, BE
[72] VRIELYNCK, FREEK ANNIE, CAMIEL, BE
[72] VAN AKEN, KOEN, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-06-03
[86] 2013-12-05 (PCT/US2013/073206)
[87] (WO2014/089253)
[30] US (61/734,011) 2012-12-06

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[51] **Int.Cl. B65G 47/28 (2006.01) B65G 57/00 (2006.01)**
[25] EN
[54] **LUMBER KILN CONVEYOR SYSTEM**
[54] **SYSTEME DE TRANSPORTEUR POUR SECHOIR A BOIS**
[72] RIVERA, ALEJANDRO, US
[72] ROBBINS, ALAN, US
[72] BEERY, WADE, US
[72] HOLLAND, WALTER, US
[72] BLOMQUIST, CHRISTOPHER W., US
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2893777)
[87] (2893777)
[22] 2015-06-03
[30] US (62/007,153) 2014-06-03
[30] US (62/141,389) 2015-04-01

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[13] C
[51] **Int.Cl. E02B 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR ANCHORING A FOUNDATION STRUCTURE, AND FOUNDATION STRUCTURE**
[54] **PROCEDE D'ANCRAGE D'UNE STRUCTURE DE FONDATION ET STRUCTURE DE FONDATION**
[72] SEIDEL, MARC, DE
[72] ALBRECHT, VICTOR, DE
[73] SENVION SE, DE
[85] 2015-06-05
[86] 2013-11-13 (PCT/EP2013/003411)
[87] (WO2014/090361)
[30] DE (10 2012 024 412.6) 2012-12-14

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[51] **Int.Cl. F21V 25/12 (2006.01) H01F 38/14 (2006.01) F21V 21/35 (2006.01) F21V 23/02 (2006.01)**
[25] EN
[54] **EXPLOSION-PROOF LAMP**
[54] **APPAREIL D'ECLAIRAGE PROTEGE CONTRE LES EXPLOSIONS**
[72] BURMEISTER, JENS, DE
[72] SCHWARZ, BERND, DE
[72] SCHWARZ, GERHARD, DE
[72] KETTERER, MICHAEL, DE
[73] EATON PROTECTION SYSTEMS IP GMBH & CO. KG, DE
[85] 2015-06-05
[86] 2013-12-05 (PCT/EP2013/003689)
[87] (WO2014/086497)
[30] DE (10 2012 023 989.0) 2012-12-06

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[13] C
[51] **Int.Cl. E04G 21/16 (2006.01) E04B 2/88 (2006.01)**
[25] EN
[54] **CURTAIN WALL PANEL INSTALLATION SYSTEM**
[54] **SYSTEME D'INSTALLATION DE PANNEAUX DE MUR RIDEAU**
[72] MOELLER, LARRY, US
[72] PIOTROWSKI, STANISLAW, US
[72] BOWMAN, VINCE, US
[72] ROTE, SCOTT, US
[72] KURTH, MARK, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-06-05
[86] 2013-12-06 (PCT/US2013/073465)
[87] (WO2014/089382)
[30] US (61/734,735) 2012-12-07
[30] US (14/095,024) 2013-12-03

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[51] **Int.Cl. B65G 67/24 (2006.01) B25J 9/00 (2006.01) B25J 9/18 (2006.01) B25J 19/02 (2006.01) B65G 67/02 (2006.01)**
[25] EN
[54] **AUTOMATED TRUCK UNLOADER FOR UNLOADING/UNPACKING PRODUCT FROM TRAILERS AND CONTAINERS**
[54] **DECHARGEUR AUTOMATIQUE DE CAMION POUR DECHARGER/DEBALLER DES PRODUITS DES REMORQUES ET CONTENEURS**
[72] CRISWELL, TIM, US
[73] WYNRIGHT CORPORATION, US
[85] 2015-06-15
[86] 2014-01-20 (PCT/US2014/012215)
[87] (WO2014/113762)
[30] US (61/754,630) 2013-01-20

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[13] C
[51] **Int.Cl. B64C 27/51 (2006.01) F16C 7/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LINKAGE LENGTH ADJUSTMENT**
[54] **SYSTEME ET PROCEDE POUR AJUSTEMENT DE LA LONGUEUR DE LA TRINGLERIE**
[72] WIINIKKA, MARK A., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2015-06-17
[86] 2013-12-20 (PCT/US2013/077071)
[87] (WO2014/100655)
[30] US (61/745,255) 2012-12-21

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[51] **Int.Cl. C07C 6/02 (2006.01) C07C 7/20 (2006.01) C07C 11/06 (2006.01)**
[25] EN
[54] **STAGED PROPYLENE PRODUCTION PROCESS**
[54] **PROCEDE DE PRODUCTION DE PROPYLENE EN PLUSIEURS TEMPS**
[72] HOOD, ALLEN DAVID, JR., US
[72] BRIDGES, ROBERT S., US
[73] LYONDELL CHEMICAL TECHNOLOGY, L.P., US
[73] EQUISTAR CHEMICALS, LP, US
[85] 2015-06-23
[86] 2014-01-08 (PCT/US2014/010673)
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[30] US (13/738,631) 2013-01-10

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[13] C
[51] **Int.Cl. B62J 1/12 (2006.01)**
[25] EN
[54] **MOTORCYCLE SEAT AND METHOD OF MAKING SAME**
[54] **SIEGE DE MOTOCYCLETTE ET SON PROCEDE DE FABRICATION**
[72] ROULUND, LARS, US
[72] SPROUSE, ANTHONY ERIC, II, US
[72] PEYTON, STEVEN ROSS, US
[73] HIGH END SEATING SOLUTIONS LLC, US
[85] 2015-06-29
[86] 2013-11-25 (PCT/US2013/071572)
[87] (WO2014/105316)
[30] US (61/746,302) 2012-12-27

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[51] **Int.Cl. A47B 81/00 (2006.01) F16M 11/00 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **SHIPPING/STORAGE RACK FOR BUCKETS**
[54] **SUPPORT D'EXPEDITION ET D'ENTREPOSAGE DE SEAUX**
[72] WRIGHT, STEVE, CA
[72] BEALES, BOB, CA
[73] CWS INDUSTRIES (MFG) CORP., CA
[86] (2896915)
[87] (2896915)
[22] 2015-07-10

[11] **2,896,974**
[13] C
[51] **Int.Cl. E04F 13/08 (2006.01) E04B 1/76 (2006.01)**
[25] EN
[54] **HEAT-INSULATING CONSOLE FOR JOINING A FACADE TO A BUILDING WALL**
[54] **CONSOLE THERMIQUEMENT ISOLANTE PERMETTANT DE RELIER UNE FACADE A UNE PAROI D'IMMEUBLE**
[72] PETZOLD, FLORIAN, DE
[72] ABBAS, SHAHBAZ, AT
[72] BROCKMULLER, KAY, DE
[72] WUST, ANDREAS, DE
[72] HENSEL, TORSTEN, DE
[72] USKE, KLAUS, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
[85] 2015-07-02
[86] 2014-01-07 (PCT/EP2014/050112)
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[25] EN
[54] **MAGNESIA CARBON BRICK**
[54] **BRIQUE EN MAGNESIE-CARBONE**
[72] SHIOHAMA, MICHIHARU, JP
[72] TANAKA, MASATO, JP
[72] MATSUO, YOSHINORI, JP
[72] YOSHITOMI, JOUKI, JP
[73] KROSAKIHARIMA CORPORATION, JP
[85] 2015-07-03
[86] 2014-01-29 (PCT/JP2014/051900)
[87] (WO2014/119593)
[30] JP (2013-017153) 2013-01-31
[30] JP (2013-044450) 2013-03-06

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[13] C
[51] **Int.Cl. A24F 47/00 (2006.01) A24B 15/00 (2006.01)**
[25] EN
[54] **TOP REFILLABLE ELECTRONIC CIGARETTES**
[54] **CIGARETTES ELECTRONIQUES REMPLISSABLES PAR L'EMBOUT**
[72] ZHU, XIAOCHUN, CN
[73] ZHU, XIAOCHUN, CN
[85] 2015-07-15
[86] 2015-06-19 (PCT/CN2015/081979)
[87] (WO2016/169119)
[30] CN (2015202409291) 2015-04-21

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[25] EN
[54] **ENERGY MANAGEMENT BASED ON LOCATION**
[54] **GESTION DE L'ENERGIE FONDEE SUR L'EMPLACEMENT**
[72] DREW, DAVID SCOTT, US
[73] EMERSON ELECTRIC CO., US
[86] (2897993)
[87] (2897993)
[22] 2014-03-14
[62] 2,846,408
[30] US (61/794,309) 2013-03-15
[30] US (14/201,458) 2014-03-07

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[13] C
[51] **Int.Cl. G01V 3/02 (2006.01) G08C 17/02 (2006.01) G01N 27/333 (2006.01) G01N 27/414 (2006.01)**
[25] EN
[54] **BIODEGRADABLE SOIL SENSOR, SYSTEM AND METHOD**
[54] **CAPTEUR BIODEGRADABLE DE SOL, SYSTEME ET PROCEDE**
[72] BAUER-REICH, CHERISH, US
[72] HOEY, JUSTIN, US
[72] SAILER, ROBERT, US
[72] SCHNECK, NATHAN, US
[72] ULVEN, CHAD, US
[73] NDSU RESEARCH FOUNDATION, US
[85] 2015-07-14
[86] 2014-01-15 (PCT/US2014/011662)
[87] (WO2014/113460)
[30] US (61/752,971) 2013-01-15

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[13] C
[51] **Int.Cl. B65G 67/02 (2006.01) B25J 5/00 (2006.01) B25J 9/18 (2006.01) B25J 19/00 (2006.01)**
[25] EN
[54] **AUTOMATIC TIRE LOADER/UNLOADER FOR STACKING/UNSTACKING TIRES IN A TRAILER**
[54] **DISPOSITIF AUTOMATIQUE DE CHARGEMENT/DECHARGEMENT DE PNEUS POUR EMPILER/DESEMPILER DES PNEUS DANS UNE REMORQUE**
[72] CRISWELL, TIM, US
[73] WYNRIGHT CORPORATION, US
[85] 2015-07-14
[86] 2014-01-15 (PCT/US2014/011743)
[87] (WO2014/113511)
[30] US (61/752,714) 2013-01-15

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[13] C
[51] **Int.Cl. A43B 3/26 (2006.01) A41D 15/00 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **INSERT FOR EXPANDING AN ARTICLE OF CLOTHING**
[54] **INSERT POUR ELARGIR UN ARTICLE VESTIMENTAIRE**
[72] BARNETT, GHAMARI KRISTA, US
[72] BARNETT, KIRK WALLANCE, US
[73] BOOT BAND LLC, US
[86] (2898208)
[87] (2898208)
[22] 2008-07-17
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[30] US (60/961,150) 2007-07-18

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[51] **Int.Cl. B29D 23/00 (2006.01) A61M 39/00 (2006.01) A61M 39/10 (2006.01) B29C 47/00 (2006.01) B29C 47/06 (2006.01) B29C 65/48 (2006.01) B29C 69/00 (2006.01) B32B 1/08 (2006.01) B32B 25/00 (2006.01) B32B 27/00 (2006.01) F16L 11/04 (2006.01) F16L 33/01 (2006.01)**
[25] EN
[54] **EXTRUDABLE MULTILAYER TUBING**
[54] **TUBE MULTI-COUCHE EXTRUDABLE**
[72] BOURGEOIS, PHILIP, US
[72] SHAH, MUNISH, US
[73] TEKNI-PLEX, INC., US
[85] 2015-07-16
[86] 2014-03-18 (PCT/US2014/031011)
[87] (WO2014/153334)
[30] US (13/848,889) 2013-03-22

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[51] **Int.Cl. A61B 17/02 (2006.01) A61B 46/20 (2016.01) A61F 13/02 (2006.01)**
[25] EN
[54] **RETRACTOR/STABILIZER FOR EXCESSIVE AND/OR REDUNDANT TISSUE AND METHOD OF USE**
[54] **ECARTEUR/STABILISATEUR POUR DU TISSU EN EXCES/REDONDANT ET PROCEDE D'UTILISATION**
[72] GALBIERZ, THOMAS R., US
[72] GALBIERZ, MICHAEL A., US
[72] GAPP, GREGORY A., US
[73] GSQUARED MEDICAL LLC, US
[85] 2015-07-20
[86] 2014-01-29 (PCT/US2014/013563)
[87] (WO2014/120746)
[30] US (61/760,251) 2013-02-04
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[13] C
[51] **Int.Cl. G01V 9/00 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **PROCESS AND METHOD FOR THE ENHANCEMENT OF SEQUESTERING ATMOSPHERIC CARBON THROUGH OCEAN IRON FERTILIZATION, AND METHOD FOR CALCULATING NET CARBON CAPTURE FROM SAID PROCESS AND METHOD**
[54] **PROCEDE ET METHODE D'AMELIORATION DE LA SEQUESTRATION DU CARBONE ATMOSPHERIQUE A L'AIDE DE LA FERTILISATION DU FER OCEANIQUE, ET METHODE DE CALCUL DE LA CAPTURE DE CARBONE NETTE AL'AIDE DESDITS PROCEDE ET METHODE**
[72] GROSS, PETER, CA
[73] BLUE CARBON SOLUTIONS INC., CA
[86] (2899051)
[87] (2899051)
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[13] C
[51] **Int.Cl. A01K 69/08 (2006.01) A01M 23/00 (2006.01)**
[25] EN
[54] **LOBSTER TRAP STABILIZING SYSTEM**
[54] **SYSTEME DE STABILISATION DE CASIER A HOMARDS**
[72] ANDERSON, JEFFERY A., US
[72] ALLEY, MARK, US
[73] ANDERSON, JEFFERY A., US
[73] ALLEY, MARK, US
[86] (2899637)
[87] (2899637)
[22] 2015-08-06
[30] US (14/572,279) 2014-12-16

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[51] **Int.Cl. B28C 7/12 (2006.01) A61B 17/56 (2006.01) B01F 15/02 (2006.01) B28C 7/14 (2006.01)**
[25] EN
[54] **DEVICE FOR THE MIXING AND STORING OF POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DESTINE AU MELANGE ET AU STOCKAGE DE CIMENT ORTHOPEDIQUE EN POLYMETHYLMETHACRYLATE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2900121)
[87] (2900121)
[22] 2015-08-11
[30] DE (10 2015 106 899.0) 2015-05-04

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[51] **Int.Cl. C23C 4/12 (2016.01) C23C 4/02 (2006.01) C23C 4/10 (2016.01) C23C 4/18 (2006.01)**
[25] FR
[54] **PROCESS FOR FABRICATING AN AIRCRAFT PART COMPRISING A SUBSTRATE AND A SUBSTRATE COATING LAYER**
[54] **PROCEDE DE FABRICATION D'UNE PIECE D'AERONEF COMPORTANT UN SUBSTRAT ET UNE COUCHE DE REVETEMENT DU SUBSTRAT**
[72] MONERIE-MOULIN, FRANCIS, FR
[72] GAYDU, REGIS, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2015-08-10
[86] 2014-02-13 (PCT/EP2014/052855)
[87] (WO2014/125045)
[30] FR (13 51336) 2013-02-15

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[13] C
[51] **Int.Cl. B62D 55/253 (2006.01) B29C 33/12 (2006.01) B29C 35/02 (2006.01) B29C 43/18 (2006.01)**
[25] EN
[54] **RUBBER CRAWLER AND RUBBER CRAWLER MANUFACTURING METHOD**
[54] **CHENILLE EN CAOUTCHOUC ET PROCEDE POUR FABRIQUER UNE CHENILLE EN CAOUTCHOUC**
[72] SUGIHARA, SHINGO, JP
[73] BRIDGESTONE CORPORATION, JP
[85] 2015-08-14
[86] 2014-02-17 (PCT/JP2014/053670)
[87] (WO2014/126247)
[30] JP (2013-027762) 2013-02-15
[30] JP (2013-027763) 2013-02-15

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[13] C
[51] **Int.Cl. B01D 25/12 (2006.01) B01D 25/28 (2006.01)**
[25] EN
[54] **METHOD FOR AIR DRYING A FILTER CAKE AND FILTER PLATE**
[54] **PROCEDE POUR SECHAGE A L'AIR D'UN GATEAU DE FILTRE ET PLAQUE DE FILTRE**
[72] SUUTARI, TEPPO, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-08-17
[86] 2014-02-18 (PCT/FI2014/050120)
[87] (WO2014/128350)
[30] FI (20135149) 2013-02-19

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[13] C
[51] **Int.Cl. A43B 1/00 (2006.01) A43B 13/04 (2006.01) A43B 13/12 (2006.01) A43B 13/18 (2006.01)**
[25] EN
[54] **SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING LIGHTWEIGHT MIDSOLE MEMBERS WITH PROTECTIVE ELEMENTS**
[54] **STRUCTURES DE SEMELLES ET ARTICLES DE CHAUSSURE PRESENTANT DES ELEMENTS DE SEMELLE INTERMEDIAIRE DE POIDS LEGER A ELEMENTS PROTECTEURS**
[72] DOJAN, FREDERICK J., US
[72] HOLMES, MATTHEW J., US
[72] LINDNER, TROY C., US
[72] NETHONGKOME, BENJAMIN, US
[72] THOMPSON, DOLORES S., US
[73] NIKE INNOVATE C.V., US
[85] 2015-08-26
[86] 2014-03-14 (PCT/US2014/027221)
[87] (WO2014/152333)
[30] US (13/835,715) 2013-03-15
[30] US (13/838,051) 2013-03-15
[30] US (13/837,967) 2013-03-15

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[13] C
[51] **Int.Cl. A47J 43/046 (2006.01)**
[25] EN
[54] **BLENDER MOTOR HOUSING**
[54] **BOITIER DE MOTEUR DE MELANGEUR**
[72] CARROLL, MATTHEW A., US
[72] FLANARY, RONALD, US
[72] KHANDAN-BARANI, MOHAMMAD, US
[73] MOOG INC., US
[85] 2015-08-27
[86] 2014-03-14 (PCT/US2014/027598)
[87] (WO2014/152669)
[30] US (61/786,768) 2013-03-15

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[13] C
[51] **Int.Cl. F04D 29/10 (2006.01)**
[25] EN
[54] **PUMP SEALING SYSTEM WITH THROTTLE BUSHING**
[54] **SYSTEME D'ETANCHEITE DE POMPE AVEC DOUILLE D'ETRANGLEMENT**
[72] LANDRY, DANIEL R., US
[73] IMO INDUSTRIES, INC., US
[85] 2015-08-28
[86] 2014-03-13 (PCT/US2014/025903)
[87] (WO2014/160141)
[30] US (13/829,895) 2013-03-14

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[13] C
[51] **Int.Cl. B60C 11/04 (2006.01) B60C 11/13 (2006.01) B60C 11/11 (2006.01)**
[25] EN
[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] MATSUZAWA, KAZUTAKA, JP
[73] BRIDGESTONE CORPORATION, JP
[85] 2015-08-31
[86] 2014-03-13 (PCT/JP2014/001451)
[87] (WO2014/141715)
[30] JP (2013-050879) 2013-03-13

[11] **2,903,690**
[13] C
[51] **Int.Cl. E05B 81/54 (2014.01) E05B 81/64 (2014.01) E05B 81/80 (2014.01)**
[25] EN
[54] **POWER CONTROL CIRCUIT ASSEMBLY FOR AN ELECTRIC DOOR LATCH MECHANISM**
[54] **DISPOSITIF DE CIRCUIT DE COMMANDE D'ALIMENTATION POUR UN MECANISME DE VERROU DE PORTE ELECTRIQUE**
[72] CORBIN, DAVID, US
[72] SULLIVAN, SCOTT, US
[72] SHAFFER, RANDALL, US
[72] DAVIS, BRETT L., US
[72] LOWDER, SCOTT B., US
[73] HANCHETT ENTRY SYSTEMS, INC., US
[86] (2903690)
[87] (2...03690)
[22] 2015-09-02
[30] US (62/044780) 2014-09-02

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[13] C
[51] **Int.Cl. A61M 11/02 (2006.01) A61M 11/06 (2006.01) A61M 15/02 (2006.01)**
[25] EN
[54] **NEBULIZER FOR INFANTS AND RESPIRATORY COMPROMISED PATIENTS**
[54] **NEBULISEUR POUR NOURRISSONS ET PATIENTS ATTEINTS DE PROBLEMES RESPIRATOIRES**
[72] GUMASTE, ANAND, US
[72] FLEMING, SCOTT, US
[72] CHAN, PHILIP, US
[73] MICRODOSE THERAPEUTX, INC., US
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[87] (WO2014/158764)
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[51] **Int.Cl. B65D 81/24 (2006.01) B65D 81/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESERVING WINE AND OTHER PERISHABLE SUBSTANCES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE CONSERVER DU VIN ET D'AUTRES PRODUITS PERISSABLES**
[72] BAZOBERRY, CARLOS, FERNANDO, US
[73] BAZOBERRY, CARLOS, FERNANDO, US
[85] 2015-09-10
[86] 2014-03-14 (PCT/US2014/027660)
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[25] EN
[54] **RAILROAD CAR DRAFT GEAR**
[54] **DISPOSITIF DE TRACTION POUR WAGON**
[72] KEENER, SCOTT A., US
[73] AMSTED RAIL COMPANY, INC., US
[86] (2905688)
[87] (2905688)
[22] 2015-09-24
[30] US (62/056,862) 2014-09-29
[30] US (14/738,321) 2015-06-12

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[25] EN
[54] **IMPROVED NON-PRESSURIZED FLUID LEVEL SHUTOFF FOR FUEL TANK**
[54] **ARRET DE NIVEAU DE FLUIDE NON PRESSURISE POUR RESERVOIR DE CARBURANT**
[72] QUANG, CHRISTOPHER, US
[73] ADEL WIGGINS GROUP, US
[85] 2015-09-15
[86] 2014-03-12 (PCT/US2014/025056)
[87] (WO2014/151131)
[30] US (61/794,145) 2013-03-15
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[25] EN
[54] **HIGH SENSITIVITY, LOAD ALLEVIATING LOAD SENSOR FOR STRUT APPLICATION**
[54] **CAPTEUR DE CHARGE A HAUTE SENSIBILITE ATTENUANT LA CHARGE POUR UN MAT**
[72] KOHUTH, KERRY RANDALL, US
[72] PEDERSEN, DEREK, US
[73] MOOG INC., US
[85] 2015-09-21
[86] 2014-03-21 (PCT/US2014/031467)
[87] (WO2014/153518)
[30] US (61/804,559) 2013-03-22

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[25] EN
[54] **DRIVE TRACK AND DRIVE SPROCKET FOR A VEHICLE**
[54] **CHENILLE ET PIGNON A CHAINE D'ENTRAINEMENT DESTINES A UN VEHICULE**
[72] PARD, JEAN-SEBASTIEN, CA
[73] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2015-09-28
[86] 2014-03-28 (PCT/IB2014/060283)
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[51] **Int.Cl. A22C 25/16 (2006.01) A22C 25/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MACHINE PROCESSING OF BEHEADED AND AT LEAST SUBSTANTIALLY GUTTED FISH, TRANSPORTED TAIL-FIRST IN TRANSPORT DIRECTION T ON A TRANSPORT PATH**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT MECANIQUE DE POISSONS TRANSPORTES QUEUE PAR L'AVANT DANS LA DIRECTION DE TRANSPORT T SUR UN TRAJET DE TRANSPORT, ETETES ET AU MOINS SENSIBLEMENT VIDES**
[72] JURS, MICHAEL, DE
[72] SCHROEDER, MATTHIAS, DE
[72] BRANDT, MANFRED, DE
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2015-09-30
[86] 2014-04-08 (PCT/EP2014/056990)
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[54] **CRUM UNIT MOUNTABLE AND DISMOUNTABLE IN CONSUMABLE UNIT OF IMAGE FORMING APPARATUS AND IMAGE FORMING APPARATUS USING THE SAME**
[54] **UNITE CRUM POUVANT ETRE INSTALLEE ET DESINSTALLEE DANS UNE UNITE CONSOMMABLE D'UN APPAREIL DE FORMATION D'IMAGE ET APPAREIL DE FORMATION D'IMAGE UTILISANT LADITE UNITE**
[72] KIM, YOUN-JAE, KR
[73] S-PRINTING SOLUTION CO., LTD., KR
[85] 2015-10-02
[86] 2014-10-31 (PCT/KR2014/010335)
[87] (WO2015/065081)
[30] KR (10-2013-0132562) 2013-11-01
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[54] **BALLISTIC ARROW**
[54] **FLECHE BALISTIQUE**
[72] HAND, WILLIAM DAVID, US
[73] HAND, WILLIAM DAVID, US
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[54] **SEALANT CAPS INCLUDING INTERNAL BARRIER RINGS**
[54] **BOUCHONS D'AGENT D'ETANCHEITE COMPRENANT DES BAGUES-BARRIERES INTERNES**
[72] RIZZELLO, SOCCORSO, CA
[72] LAMBOURNE, SEAN, GB
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-10-20
[86] 2014-04-22 (PCT/US2014/034906)
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[54] **MOBILE MULTIMEDIA WORKSTATION**
[54] **POSTE DE TRAVAIL MULTIMEDIA MOBILE**
[72] CONSTANTINO, RONALD JAMES, US
[72] PREECE, JAMES ERIC, US
[72] WORZALLA, ROBERT JAMES, US
[73] MYWORLD MEDIASTUDIO INC., US
[86] (2910122)
[87] (2910122)
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[25] EN
[54] **SCREEN PRINTING APPARATUS WITH INK RECOVERY MECHANISM AND RELATED METHOD**
[54] **APPAREIL DE SERIGRAPHIE DOTE D'UN MECANISME DE RECUPERATION D'ENCRE ET METHODE ASSOCIEE**
[72] YOSHIDA, MASAO, JP
[72] ONO, KEI, JP
[72] YAMAMOTO, MASAYA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-10-26
[86] 2014-03-26 (PCT/JP2014/058693)
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[54] **TURBIDIMETER**
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[72] HAASE, BARBARA, DE
[72] BATTEFELD, MANFRED, DE
[72] MITREITER, ANDREAS, DE
[72] KUSSMANN, MICHAEL, DE
[72] DE HEIJ, BAS, DE
[72] HANSCHKE, CLEMENS, DE
[72] PERDUE, WAYNE, DE
[73] HACH LANGE GMBH, DE
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[25] EN
[54] **A METHOD, A SYSTEM AND A GUIDE ASSEMBLY FOR SEPARATING VISCERA SETS EVISCERATED FROM SLAUGHTERED POULTRY**
[54] **PROCEDE, SYSTEME ET ENSEMBLE GUIDAGE PERMETTANT DE SEPARER DES VISCERES ENLEVES DE VOLAILLES ABATTUES**
[72] THRANE, UFFE, DK
[72] JENSEN, JONAS, DK
[73] LINCO FOOD SYSTEMS A/S, DK
[85] 2015-10-30
[86] 2014-05-14 (PCT/DK2014/050135)
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[51] **Int.Cl. A61B 5/0428 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **CONTACTLESS ELECTROCARDIOGRAM SYSTEM**
[54] **SYSTEME D'ELECTROCARDIOGRAMME SANS CONTACT**
[72] JAIN, DEEPAK BOBBY, CA
[72] WEEKS, JOSHUA, CA
[72] NADEZHDIN, DAVID, CA
[72] ASSELIN, JEAN-FRANCOIS, CA
[73] RR SEQUENCES INC., CA
[85] 2015-11-04
[86] 2015-09-23 (PCT/CA2015/050938)
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[51] **Int.Cl. H04W 56/00 (2009.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR SENDING A SYNCHRONIZATION BEACON IN PLACE OF A SIG FIELD**
[54] **UN SYSTEME ET UNE METHODE D'ENVOI D'UNE BALISE DE SYNCHRONISATION AU LIEU D'UN SIGNAL**
[72] SAMPATH, HEMANTH, US
[72] MERLIN, SIMONE, US
[72] ABRAHAM, SANTOSH PAUL, US
[73] QUALCOMM INCORPORATED, US
[86] (2911327)
[87] (2911327)
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[25] EN
[54] **CRIMPING HEAD FOR IMPACT WRENCH**
[54] **TETE DE SERTISSAGE POUR CLE A CHOC**
[72] MACADAMS, GLENN DAVID, US
[73] CONBRACO INDUSTRIES, INC., US
[85] 2015-07-16
[86] 2014-02-28 (PCT/US2014/019272)
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[25] EN
[54] **FLUID DIAGNOSTIC DEVICES AND METHODS OF USING THE SAME**
[54] **DISPOSITIFS DE DIAGNOSTIC DE FLUIDE ET PROCEDES UTILISANT CEUX-CI**
[72] LAWAL, OLIVER, US
[72] ROPIC, PAUL, US
[73] SENSOREX CORPORATION, US
[85] 2015-11-20
[86] 2013-11-13 (PCT/US2013/069807)
[87] (WO2014/189541)
[30] US (61/825,589) 2013-05-21

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[51] **Int.Cl. D21D 5/16 (2006.01) B07B 1/18 (2006.01)**
[25] EN
[54] **SCREENING DEVICE**
[54] **DISPOSITIF DE TAMISAGE**
[72] MICKELAT, THOMAS, DE
[72] REINSTEIN, MICHAEL, DE
[73] ANDRITZ FIEDLER GMBH, DE
[85] 2015-12-02
[86] 2014-06-16 (PCT/EP2014/001631)
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[54] **MOUNTING ASSIST DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ASSISTANCE POUR MONTER**
[72] DEJONG, RANDELL, CA
[72] TONTSCH, PAUL, CA
[73] HAIRY BACK RANCH INC., CA
[85] 2015-12-09
[86] 2014-06-18 (PCT/IB2014/062311)
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[30] US (61/839,268) 2013-06-25

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[25] EN
[54] **STABLE AQUEOUS PROTEIN OR ANTIBODY PHARMACEUTICAL FORMULATIONS AND THEIR PREPARATION**
[54] **FORMULATIONS DE PROTEINE AQUEUSE OU D'ANTICORPS PHARMACEUTIQUES STABLES ET LEUR PREPARATION**
[72] LI, TIANSHENG, US
[72] SLOEY, CHRISTOPHER JAMES, US
[73] AMGEN INC., US
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[87] (2915270)
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[25] EN
[54] **LIFT MECHANISM FOR ROLL-OUT WASTE BIN AND METHOD**
[54] **MECANISME DE LEVAGE POUR BAC-POUBELLE SUR ROULETTES ET METHODE**
[72] MCDADE, CLINTON LAWRENCE, US
[72] LEWIS, MICHAEL DANIEL, US
[73] SCHAEFER SYSTEMS INTERNATIONAL, INC., US
[86] (2915390)
[87] (2915390)
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[30] US (14/572,921) 2014-12-17

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[54] **POWERED TWO-STAGE STRAP CUTTER**
[54] **COUPEUSE ELECTRIQUE A BANDE ET A DEUX ETAGES**
[72] FIGIEL, JANUSZ, US
[72] NASIATKA, JASON R., US
[73] SIGNODE INTERNATIONAL IP HOLDINGS LLC, US
[85] 2015-12-16
[86] 2014-04-29 (PCT/US2014/035882)
[87] (WO2014/209488)
[30] US (61/840,656) 2013-06-28
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[13] C
[51] **Int.Cl. A61C 13/00 (2006.01) A61K 6/00 (2006.01) C04B 35/01 (2006.01)**
[25] EN
[54] **CONTROLLING OF SINTERING KINETICS OF OXIDE CERAMICS**
[54] **COMMANDE DE LA CINETIQUE DE FRITTAGE D'OXYDE CERAMIQUE**
[72] ROTHBRUST, FRANK, AT
[72] RITZBERGER, CHRISTIAN, CH
[72] BRODKIN, DMITRI, US
[72] AJMAL, KHAN, US
[72] SCHWEIGER, MARCEL, CH
[73] IVOCLAR VIVADENT AG, LI
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[51] **Int.Cl. A47J 37/06 (2006.01) F24C 15/14 (2006.01) F24C 15/16 (2006.01)**
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[54] **FOOD SUPPORT GRATE**
[54] **GRILLE DE SUPPORT POUR ALIMENTS**
[72] MOY, CHRIS, US
[72] WENZEL, HANS F., US
[73] HESTAN COMMERCIAL CORPORATION, US
[86] (2917391)
[87] (2917391)
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[51] **Int.Cl. H04W 4/12 (2009.01) H04W 4/14 (2009.01) G06Q 20/22 (2012.01) H04W 4/24 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EXTENDING PAYMENT SYSTEM VIA TEXT MESSAGING**
[54] **METHODE ET SYSTEME DE REPORT D'UN PAIEMENT PAR MESSAGERIE TEXTE**
[72] SHERWIN, FRANCIS, US
[72] BALASUBRAMANIAN, CHANDRA, US
[73] CARDINALCOMMERCE CORPORATION, US
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[87] (2917442)
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[51] **Int.Cl. F21S 2/00 (2016.01)**
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[54] **LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] KINOSHITA, SEIJI, JP
[73] KURARAY CO., LTD., JP
[85] 2015-12-11
[86] 2014-06-13 (PCT/JP2014/065791)
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[30] JP (2013-124441) 2013-06-13

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[51] **Int.Cl. B65F 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING AND PICKING UP A WASTE RECEPTACLE**
[54] **SYSTEMES ET PROCEDES POUR DETECTER ET RAMASSER UN RECIPIENT A DECHETS**
[72] VAN KAMPEN, LEO PETER, CA
[72] SZOKE-SIESWERDA, JUSTIN, CA
[72] CASTELLANO, BRANDON, CA
[72] MCISAAC, KENNETH ALEXANDER, CA
[73] WATERLOO CONTROLS INC., CA
[86] (2918411)
[87] (2918411)
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[25] EN
[54] **METHODS FOR TREATING HYPERTRIGLYCERIDEMIA WITH A WEDELIA CHINENSIS EXTRACT**
[54] **METHODES DE TRAITEMENT DE L'HYPERTRYGLYCERIDEMIE AU MOYEN D'EXTRAIT DE WEDELIA CHINENSIS**
[72] TU, TSENG-RONG, TW
[72] HSU, WEN-MAI, TW
[72] FAN, EUGENE, US
[73] WYNTEK CORPORATION, TW
[86] (2918532)
[87] (2918532)
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[54] **METHOD OF PRODUCING A COFFEE BEVERAGE POWDER**
[54] **PROCEDE DE PRODUCTION D'UNE POUDRE DE BOISSON AU CAFE**
[72] DAENZER-ALLONCLE, MARTINE, FR
[72] KERLER, JOSEF, SG
[72] POISSON, LUIGI, CH
[72] WYSS, HEINZ, CH
[73] NESTEC S.A., CH
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[30] EP (13188249.0) 2013-10-11

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[51] **Int.Cl. B60W 40/13 (2012.01)**
[25] EN
[54] **TIRE MANAGEMENT SYSTEM AND TIRE MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION DE PNEU ET PROCEDE DE GESTION DE PNEU**
[72] SUDOU, TSUGIO, JP
[73] KOMATSU LTD., JP
[85] 2016-03-08
[86] 2013-09-20 (PCT/JP2013/075502)
[87] (WO2015/040744)

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[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **FUNCTIONAL USE-CASE GENERATION**
[54] **GENERATION DE CAS PRATIQUE FONCTIONNEL**
[72] AGRAWAL, NILESH, US
[72] KAULGUD, VIKRANT, IN
[72] SAVAGAONKAR, MILIND, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2924483)
[87] (2924483)
[22] 2016-03-22
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[51] **Int.Cl. G01N 27/72 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **FIBER WAVINESS DETECTION METHOD AND APPARATUS FOR CONDUCTIVE COMPOSITE MATERIALS**
[54] **PROCEDE DE DETECTION D'ONDULATION DE FIBRE POUR MATERIAU COMPOSITE CONDUCTEUR ET DISPOSITIF DE DETECTION D'ONDULATION DE FIBRE**
[72] TSUDA, AKINORI, JP
[72] HATANAKA, HIROAKI, JP
[72] MUTO, SHINJI, JP
[72] INAGAKI, KOICHI, JP
[72] HISHIDA, HIROYUKI, JP
[72] SATO, AKIYOSHI, JP
[73] IHI CORPORATION, JP
[85] 2016-03-31
[86] 2014-06-12 (PCT/JP2014/065605)
[87] (WO2015/052956)
[30] JP (2013-213393) 2013-10-11

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[13] C
[51] **Int.Cl. E06B 1/70 (2006.01)**
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[54] **ENTRYWAY WITH ARTICULATING THRESHOLD**
[54] **PASSAGE EQUIPE D'UN SEUIL ARTICULE**
[72] MITCHELL, MIKE, US
[72] JASKIEWICZ, TOMASZ, US
[73] ENDURA PRODUCTS, INC., US
[86] (2928089)
[87] (2928089)
[22] 2016-04-25
[30] US (14/717,194) 2015-05-20

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[13] C
[51] **Int.Cl. B03D 1/02 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **PARAFFINIC FROTH TREATMENT**
[54] **TRAITEMENT DE MOUSSE PARAFFINIQUE**
[72] LEE, ANITA S., US
[72] SUTTON, CLAY R., US
[72] CHEN, CHIEN-CHIANG, US
[72] NAIR, HARI, US
[72] ABEL, KEITH A., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2928473)
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[54] **ETALONNAGE DE SYSTEMES DE REALITE VIRTUELLE**
[72] KATZ, DOV, US
[72] SHINE, JONATHAN, US
[72] MILLER, ROBIN, US
[72] KATSEV, MAKSYM, US
[72] KONZEN, NEIL, US
[72] LAVALLE, STEVE, US
[72] ANTONOV, MICHAEL, US
[73] OCULUS VR, LLC, US
[85] 2016-05-13
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[30] US (61/923,895) 2014-01-06
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[54] **RETAINER ASSEMBLY HAVING POSITIONING FEATURES FOR PROCESSING CIRCUITRY USED WITH AN IMAGE FORMING DEVICE SUPPLY ITEM**
[54] **ENSEMBLE DE RETENU AYANT DES FONCTIONNALITES DE POSITIONNEMENT POUR UNE CIRCUITERIE DE TRAITEMENT UTILISEE AVEC UN ELEMENT D'ALIMENTATION DEDIS POSITIF DE FORMATION D'IMAGE**
[72] AMANN, MARK, US
[72] CARTER, JAMES ANTHANY, II, US
[72] LACTUAN, KATRINA ROSIT, PH
[72] LITMAN, MATTHEW JEREMY, US
[72] ROGERS, MATTHEW LEE, US
[72] SEAMAN, KEITH, US
[73] LEXMARK INTERNATIONAL, INC., US
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[22] 2013-06-19
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[25] EN
[54] **APPARATUS WITH A ROTARY SEAL ASSEMBLY AXIALLY COINCIDENT WITH A SHAFT TILTING FOCAL POINT**
[54] **APPAREIL AVEC ENSEMBLE JOINT D'ETANCHEITE ROTATIF COINCIDANT AXIALEMENT AVEC UN POINT FOCAL D'INCLINAISON D'ARBRE**
[72] KIRKHOPE, KENNEDY J., CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-19
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[25] EN
[54] **COATED CUTTING TOOL**
[54] **OUTIL DE COUPE REVETU**
[72] NAKAMURA, TAKAAKI, JP
[73] TUNGALOY CORPORATION, JP
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[25] EN
[54] **FABRY-PEROT INTERFEROMETER BASED SATELLITE DETECTION OF ATMOSPHERIC TRACE GASES**
[54] **DETECTION PAR SATELLITE BASEE SUR UN INTERFEROMETRE DE FABRY-PEROT DE GAZ A L'ETAT DE TRACES ATMOSPHERIQUES**
[72] SLOAN, JAMES J, CH
[72] DURAK, BERKE, CA
[72] GAINS, DAVID, CA
[72] RICCI, FRANCESCO, CA
[72] MCKEEVER, JASON, CA
[72] LAMORIE, JOSHUA, CA
[72] SDAO, MARK, CA
[72] LATENDRESSE, VINCENT, CA
[72] LAVOIE, JONATHAN, CA
[72] KRUZELECKY, ROMAN, CA
[73] GHGSAT INC., CA
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[54] **CURLING BRUSH WITH IMPROVED PRESSURE DISTRIBUTION, SNAP-FIT HEAD ASSEMBLY, MOULDED BRUSH PAD AND PIVOT LIMITING MEANS**
[54] **BROSSE DE CURLING A DISTRIBUTION DE PRESSION AMELIOREE, ENSEMBLE DE TETE A ENCLENCHEMENT, COUSSIN DE BROSSE MOULE ET MECANISMES LIMITEURS DE PIVOTEMENT**
[72] SANDE, GERALD, CA
[72] SANDE, JENNIFER, CA
[73] SANDE, GERALD, CA
[73] SANDE, JENNIFER, CA
[86] (2938943)
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[54] **PRESSURE SWING PROCESSES FOR PRODUCING HEAVY HYDROCARBONS FROM RESERVOIR**
[54] **PROCEDES A BASCULE DE PRESSION DESTINES A LA PRODUCTION D'HYDROCARBURES LOURDS DANS UN RESERVOIR**
[72] HARDING, THOMAS, CA
[73] NEXEN ENERGY ULC, CA
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[25] EN
[54] **METHOD AND APPARATUS FOR SUBSEA HOSE REPLACEMENT**
[54] **PROCEDE ET APPAREIL POUR REMPLACEMENT DE TUYAU SOUPLE SOUS-MARIN**
[72] ARYA, HARINDER SINGH, US
[73] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2016-08-12
[86] 2015-02-16 (PCT/US2015/016013)
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[25] EN
[54] **SPORTS MEMORABILIA JERSEY HANGER WITH ATHLETE'S FACIAL LIKENESS**
[54] **SUPPORT DE CHANDAIL DE SPORT SOUVENIR ORNE D'UNE REPRESENTATION DU VISAGE DE L'ATHLETE**
[72] SANDERS, LEE, CA
[72] SANDERS, HELEN, CA
[72] SIMPSON, DAVID, CA
[73] SANDERS, LEE, CA
[73] SANDERS, HELEN, CA
[73] SIMPSON, DAVID, CA
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[25] EN
[54] **TELESCOPING CONTROLLED FORCE SPRING**
[54] **RESSORT DE FORCE CONTROLE DE MANIERE TELESCOPIQUE**
[72] CROSS, DAVID, CA
[73] 1065210 B.C. LTD., CA
[86] (2945223)
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[54] **CONTOUR ENCRYPTION AND DECRYPTION**
[54] **CHIFFREMENT ET DECHIFFREMENT DE CONTOUR**
[72] TRAN, PHIDUNG H., US
[72] LIANG, MINGHWA BENJAMIN, US
[72] JUNG, LAWRENCE, US
[72] HAYWARD, JAMES A., US
[73] APDN (B.V.I.) INC., VG
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[72] VEIKONHEIMO, TOMI, FI
[73] ABB OY, FI
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[54] **GLAUCOMA DRAINAGE DEVICE WITH PUMP**
[54] **DISPOSITIF DE DRAINAGE DE GLAUCOME AVEC UNE POMPE**
[72] RICKARD, MATTHEW J.A., CA
[73] ALCON RESEARCH, LTD., US
[86] (2948873)
[87] (2948873)
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[54] **PROTECTIVE CARDBOARD CORNER AND METHOD FOR PRODUCING THE SAME**
[54] **COIN DE CARTON PROTECTEUR ET METHODE DE PRODUCTION DUDIT COIN**
[72] DUDOIT, LAURENT, CA
[72] DAUER, EDWARD A., US
[72] D'ANGLADE, PIERRE-MICHEL, CA
[73] ABZAC CANADA INC., CA
[85] 2016-11-29
[86] 2016-02-19 (PCT/CA2016/050151)
[87] (2950194)
[30] US (62/201,721) 2015-08-06

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[25] FR
[54] **SEALING PLATE WITH FUSE FUNCTION**
[54] **PLATINE D'ETANCHEITE A FONCTION DE FUSIBLE**
[72] PALAZUELOS, MIGUEL RAYMOND, FR
[72] BARBIER-NEVEU, CLELIA ANTOINETTE, FR
[72] GUSTAVE, DEVRADJ MARIE-GUY, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-11-24
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[25] EN
[54] **A DEVICE FOR LOCKING A BELT AT PREDETERMINED BELT TENSION**
[54] **DISPOSITIF POUR VERROUILLER UNE COURROIE SOUS UNE TENSION DE COURROIE PREDETERMINEE**
[72] CEDERSTRAND, TOMMY, SE
[73] FLSMIDTH A/S, DK
[85] 2016-12-02
[86] 2015-06-02 (PCT/SE2015/050641)
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[25] EN
[54] **WATER-ABSORBENT RESIN AND ABSORBENT ARTICLE**
[54] **RESINE ABSORBANT L'EAU ET ARTICLE ABSORBANT**
[72] HINAYAMA, TETSUHIRO, JP
[72] MURAKAMI, MASAHIRO, JP
[72] YABUGUCHI, HIROKI, JP
[72] YOKOYAMA, HIDEKI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2016-11-30
[86] 2014-11-04 (PCT/JP2014/079247)
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[30] JP (2014-143719) 2014-07-11
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[25] EN
[54] **PARAFFINIC FROTH TREATMENT WITH CONTROLLED AGGREGATION**
[54] **TRAITEMENT DE MOUSSE PARAFFINIQUE A AGREGATION CONTROLEE**
[72] NAIR, HARI, US
[72] LEE, ANITA S., US
[72] SUTTON, CLAY R., US
[72] CHEN, CHIEN-CHIANG, US
[72] ABEL, KEITH A., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2951657)
[87] (2951657)
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[62] 2,933,966

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[13] C
[51] **Int.Cl. A63B 69/00 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **HOCKEY FACE OFF TRAINING DEVICE**
[54] **APPAREIL D'ENTRAINEMENT A LA MISE AU JEU DE HOCKEY**
[72] BEAR, CONRAD, CA
[73] BEAR, CONRAD, CA
[86] (2953597)
[87] (2953597)
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/10 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **MAINTAINING A LIMITED USER PROFILE FOR SOCIAL NETWORKING SYSTEM USERS UNABLE TO ESTABLISH A USER PROFILE**
[54] **MAINTIEN D'UN PROFIL D'UTILISATEUR LIMITE POUR DES UTILISATEURS DE SYSTEME DE RESEAUTAGE SOCIAL INCAPABLES D'ETABLIR UN PROFIL D'UTILISATEUR**
[72] HOLSON, BENJAMIN MICHAEL, US
[72] BARAK, DAN, US
[73] FACEBOOK, INC., US
[85] 2017-01-05
[86] 2015-06-12 (PCT/US2015/035483)
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[30] US (14/329,670) 2014-07-11

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[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING AN ANALYTICAL SAMPLE BY FUSION**
[54] **PROCEDE ET APPAREIL DE PREPARATION D'ECHANTILLON ANALYTIQUE PAR FUSION**
[72] CROISETIERE, LOUIS, CA
[72] NOBLESSE, ARNAUD, CA
[73] MATERIAUX NIEKA INC., CA
[85] 2017-01-26
[86] 2015-09-14 (PCT/CA2015/050886)
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[30] US (62/050,246) 2014-09-15

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[51] **Int.Cl. B65C 9/26 (2006.01)**
[25] EN
[54] **AUTOMATIC THERMAL PRINT ON DEMAND PRODUCE LABELER**
[54] **ETIQUETEUSE DE PRODUITS A IMPRESSION THERMIQUE AUTOMATIQUE A LA DEMANDE**
[72] HOWARTH, M. SCOTT, US
[72] MURRAY, WILSON B., US
[72] GRAHAM, JUSTIN L., US
[72] MITCHELL, RUSSELL, US
[72] DAVIS, ETHAN, US
[72] GAVRILYUK, ILYA, US
[72] NICHOLS, ANDREW, US
[73] SINCLAIR SYSTEMS INTERNATIONAL, LLC, US
[85] 2017-02-24
[86] 2015-10-02 (PCT/US2015/000105)
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[30] US (62/060,267) 2014-10-06

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[25] EN
[54] **CATHETER**
[54] **CATHETER**
[72] MASUDA, TAKUYA, JP
[73] JAPAN LIFELINE CO., LTD., JP
[85] 2017-02-27
[86] 2015-07-28 (PCT/JP2015/071390)
[87] (WO2016/113934)
[30] JP (2015-005549) 2015-01-15

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[13] C
[51] **Int.Cl. E01D 19/00 (2006.01) E01D 19/16 (2006.01) F16F 7/08 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR FRICTION DAMPING**
[54] **DISPOSITIF ET PROCEDE D'AMORTISSEMENT PAR FRICTION**
[72] ANNAN, RACHID, CH
[73] VSL INTERNATIONAL AG, CH
[85] 2017-03-13
[86] 2014-12-18 (PCT/EP2014/078564)
[87] (WO2015/091859)
[30] CH (2096/13) 2013-12-18

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[13] C
[51] **Int.Cl. C07D 223/28 (2006.01) B01J 31/00 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR THE PREPARATION OF ESLICARBAZEPINE AND ESLICARBAZEPINE ACETATE**
[54] **PROCEDE AMELIORE POUR LA PREPARATION D'ESLICARBAZEPINE ET D'ACETATE D'ESLICARBAZEPINE**
[72] ZARAMELLA, SIMONE, IT
[72] ROSSI, EMILIANO, IT
[72] DE LUCCHI, OTTORINO, IT
[72] SERAFINI, SIRO, IT
[73] F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A., IT
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[54] **PELLE A MAIN FACILE D'ACCES**
[72] CARR, BJORN J. A., CA
[71] CARR, BJORN J. A., CA
[22] 2015-12-29
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[51] **Int.Cl. A47C 3/00 (2006.01) A47B 13/06 (2006.01) A47C 7/00 (2006.01)**
[25] EN
[54] **TUBE FURNITURE**
[54] **MEUBLE TUBULAIRE**
[72] MICHAEL WALKER, MICHAEL, CA
[71] WALKER, MICHAEL, CA
[22] 2015-12-29
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[51] **Int.Cl. F28D 21/00 (2006.01)**
[25] EN
[54] **COMPARTMENTALIZED HEAT EXCHANGER IN INDUSTRIAL COMPONENT SYSTEM**
[54] **ECHANGEUR THERMIQUE COMPARTIMENTE DANS UN SYSTEME DE COMPOSANTS INDUSTRIELS**
[72] STOCKDALE, JOHN, CA
[71] STOCKDALE, JOHN, CA
[22] 2015-12-29
[41] 2017-06-29

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[13] A1
[51] **Int.Cl. A61F 13/10 (2006.01)**
[25] EN
[54] **PEDIATRIC TRIGGER FINGER SPLINT WITH CUSHION PAD AND ASSOCIATED GLOVE**
[54] **ATTELLE PEDIATRIQUE POUR DOIGT A RESSORT AVEC COUSSINET ET GANT ASSOCIE**
[72] ZHOU, LIPING, CA
[71] 1370650 ALBERTA INC., CA
[22] 2015-12-29
[41] 2017-06-29

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[13] A1
[51] **Int.Cl. E01H 5/12 (2006.01)**
[25] EN
[54] **ICE-BREAKING APPARATUS**
[54] **ROULEAU BRISE-GLACE**
[72] D'AMOURS, LUC, CA
[72] BEAUDOIN, REMI, CA
[72] BEAUDOIN, YVON, CA
[71] GROUPE R.Y. BEAUDOIN INC., CA
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[51] **Int.Cl. G06Q 10/00 (2012.01) G07C 1/30 (2006.01) G08G 1/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING PARKING INFRACTION**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'INFRACTION DE STATIONNEMENT**
[72] FRANKLIN, WILLIAM GEORGE, CA
[72] BETHUNE, JEFFREY D., CA
[72] LEUNG, RAPHAEL, CA
[72] WALKER, MICHAEL BRADEN, CA
[71] TANNERY CREEK SYSTEMS INC., CA
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[51] **Int.Cl. A23K 10/20 (2016.01) A23K 40/00 (2016.01) A23K 50/00 (2016.01)**
[25] EN
[54] **PET TREAT**
[54] **FRIANDISE POUR ANIMAL DOMESTIQUE**
[72] KREAMER, MARC, US
[71] SPECTRUM BRANDS, INC., US
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[51] **Int.Cl. H04N 21/4335 (2011.01) G06F 12/00 (2006.01) G06T 1/60 (2006.01) G11B 20/10 (2006.01) H04N 5/76 (2006.01)**
[25] EN
[54] **RECOMPRESSIVE SENSING, RESPARSIFIED SAMPLING, AND LIGHTSPACETIMELAPSE: MEANS, APPARATUS, AND METHODS FOR SPATIOTEMPORAL AND SPATIOTONAL TIMELAPSE AND INFINITELY LONG MEDIA OR MULTIMEDIA RECORDINGS IN FINITE MEMORY**
[54] **DETECTION DE RECOMPRESSION, ECHANTILLON CLAIRSEME A NOUVEAU ET INTERVALLE D'ESPACE DE LUMIERE : MOYENS, APPAREIL ET PROCEDES POUR INTERVALLE SPATIOTEMPOREL ET SPATIOTONAL ET ENREGISTREMENTS DE CONTENU MULTIMEDIA INFINIMENT LONGS DANS UNE MEMOIRE FINIE**
[72] MANN, STEVE, CA
[72] SCHWANZER, MICHAEL, CA
[71] MANN, STEVE, CA
[71] SCHWANZER, MICHAEL, CA
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 17/18 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR INDUSTRIAL PLANT DATA PROCESSING AND ASSOCIATED METHODS**
[54] **APPAREIL DE COMMANDE DESTINE AU TRAITEMENT DE DONNEES D'UNE USINE ET METHODES ASSOCIEES**
[72] CAMERON, MICHAEL WILLIAM, CA
[72] JALBERT, DANIEL JOSEPH, CA
[71] NL FISHER SUPERVISION & ENGINEERING LTD., CA
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[51] **Int.Cl. A47B 46/00 (2006.01) A47B 51/00 (2006.01)**
[25] EN
[54] **MOBILE ELECTRONIC DISPLAY APPARATUS**
[54] **APPAREIL D'AFFICHAGE ELECTRONIQUE MOBILE**
[72] BRADSHAW, BRIAN J. A., CA
[72] MORGAN, STEPHEN D. A., CA
[71] ALTAC SERVICES INC., CA
[22] 2015-12-30
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[51] **Int.Cl. A47K 3/30 (2006.01) E06B 3/40 (2006.01)**
[25] EN
[54] **TRACKLESS, FRAMELESS BI-FOLD DOORS FOR USE WITH A SHOWER OR BATHTUB**
[54] **PORTES PLIANTES SANS CADRE ET SANS RAIL POUR UTILISATION AVEC UNE DOUCHE OU UNE BAIGNOIRE**
[72] DOZOIS, GUS, CA
[71] GUS'S KITCHEN AND BATH, CA
[22] 2015-12-31
[41] 2017-06-30

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[51] **Int.Cl. H01Q 21/00 (2006.01) H01Q 3/36 (2006.01) H01Q 15/24 (2006.01) H01Q 25/00 (2006.01)**
[25] EN
[54] **OPTIMIZED TRUE-TIME DELAY BEAM-STABILIZATION TECHNIQUES FOR INSTANTANEOUS BANDWIDTH ENHANCEMENT**
[54] **TECHNIQUES DE STABILISATION DE FAISCEAU A TEMPORISATION VRAIE OPTIMISEE POUR AMELIORATION DE BANDE PASSANTE INSTANTANEE**
[72] MILROY, WILLIAM, US
[72] LEMONS, ALAN C., US
[71] THINKOM SOLUTIONS, INC., US
[22] 2015-12-31
[41] 2017-06-30

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[51] **Int.Cl. E04F 11/18 (2006.01) A47G 7/04 (2006.01) E04H 17/20 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **RAIL POST VERTICAL EXTENSION SYSTEM**
[54] **SYSTEME D'EXTENSION VERTICALE DE BALUSTRE**
[72] ZOUTMAN, RYAN, CA
[71] ZOUTMAN, RYAN, CA
[22] 2015-12-31
[41] 2017-06-30

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[51] **Int.Cl. E04H 13/00 (2006.01) A61G 17/08 (2006.01)**
[25] EN
[54] **STRUCTURE FOR CONTAINING CINERARY URNS AND FUNERARY ITEMS IN GENERAL**
[54] **STRUCTURE POUR CONTENIR DES URNES FUNERAIRES ET DES OBJETS FUNERAIRES EN GENERAL**
[72] ROSSI, FILIPPO, IT
[71] BIONDAN NORTH AMERICA INC., CA
[22] 2015-12-31
[41] 2017-06-29
[30] US (14/982,865) 2015-12-29

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[51] **Int.Cl. B02C 4/08 (2006.01)**
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[54] **CONE CRUSHER TOOTH**
[54] **DENT DE CONCASSEUR A CONE**
[72] HOSSEINZADEH, TAHER, CA
[72] MCINTYRE, JOHN, CA
[71] CAST STEEL PRODUCTS LP, BY ITS GENERAL PARTNER CAST STEEL PRODUCTS GP LTD., CA
[22] 2015-12-31
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[51] **Int.Cl. F03G 7/10 (2006.01) F16H 3/44 (2006.01)**
[25] EN
[54] **GALAXY ENERGY**
[54] **ENERGIE GALACTIQUE**
[72] WOODS, TIMOTHY J., CA
[71] WOODS, TIMOTHY J., CA
[22] 2015-12-31
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[51] **Int.Cl. H01R 13/639 (2006.01)**
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[54] **CORD CONNECTION SECUREMENT DEVICE**
[54] **DISPOSITIF DE FIXATION DE CONNEXION DE CORDON**
[72] BROWN, BLAIR, CA
[71] BROWN, BLAIR, CA
[22] 2016-02-22
[41] 2017-06-28
[30] US (14/980,807) 2015-12-28

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[25] EN
[54] **ACTION CAMERA**
[54] **CAMERA ACTIVE**
[72] LEE, CHONG WOEN, US
[72] KIM, JAE WAN, US
[72] YOON, YOUNG SOO, US
[72] YUANMING, LI, CN
[71] ACTIVEON, INC., US
[22] 2016-02-23
[41] 2017-06-30
[30] US (14/986,368) 2015-12-31

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[51] **Int.Cl. A47J 36/16 (2006.01) A47J 27/00 (2006.01) A47J 36/20 (2006.01) A47J 36/36 (2006.01)**
[25] EN
[54] **SLOW COOKER ACCESSORY**
[54] **ACCESSOIRE DE MIJOTEUSE**
[72] TERRELL, ERICA, US
[71] TERRELL, ERICA, US
[22] 2015-12-27
[41] 2017-06-27

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[51] **Int.Cl. B65D 25/00 (2006.01) B65D 25/28 (2006.01)**
[25] EN
[54] **CONTAINER**
[54] **CONTENANT**
[72] HSIEH, FU-YU, TW
[71] HSIEH, FU-YU, CN
[22] 2016-05-25
[41] 2017-06-25
[30] TW (104220819) 2015-12-25

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[13] A1
[51] **Int.Cl. A45C 13/02 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **SUITCASE**
[54] **VALISE**
[72] XU, ZHONGLANG, CN
[71] XU, ZHONGLANG, CN
[22] 2016-06-02
[41] 2017-06-30
[30] CN (CN 201521132259.8) 2015-12-30

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[51] **Int.Cl. F16M 11/02 (2006.01) F16M 11/20 (2006.01)**
[25] EN
[54] **JACK STAND APPARATUS ADAPTABLE TO VARIOUS DIAMETERS OF PIPE**
[54] **APPAREIL A CHANDELLES CONCU POUR DIVERS DIAMETRES DE TUYAU**
[72] VELEZ, LAWRENCE, US
[71] SUMNER MANUFACTURING CO.,INC., US
[22] 2016-06-06
[41] 2017-06-29
[30] US (14/983,072) 2015-12-29

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[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/86 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **ACTIVE COMPRESSION PLATE AND METHOD FOR ITS USE**
[54] **PLAQUE DE COMPRESSION ACTIVE ET PROCEDE POUR SON UTILISATION**
[72] LEITHER, ANDREW J., US
[72] PRASAD, PRIYA, US
[71] ORTHOHELIX SURGICAL DESIGNS, INC., US
[22] 2016-06-17
[41] 2017-06-29
[30] US (62/272,435) 2015-12-29

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[51] **Int.Cl. F02C 7/14 (2006.01) F01D 25/12 (2006.01) F02K 3/115 (2006.01)**
[25] EN
[54] **SURFACE COOLER FOR AERO ENGINE**
[54] **REFROIDISSEUR DE SURFACE POUR MOTEUR AERONAUTIQUE**
[72] YU, HONG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-08-08
[41] 2017-06-29
[30] US (14/982,268) 2015-12-29

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[51] **Int.Cl. F02C 7/22 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **FUEL INJECTOR FOR FUEL SPRAY NOZZLE**
[54] **INJECTEUR DE CARBURANT POUR BUSE DE PULVERISATION DE CARBURANT**
[72] PATEL, BHAWAN B., CA
[72] MORENKO, OLEG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-08-08
[41] 2017-06-29
[30] US (14/982,602) 2015-12-29

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[51] **Int.Cl. G06T 7/11 (2017.01) G06T 7/12 (2017.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING BONE MULTI-SEGMENTATION IN IMAGING DATA**
[54] **PROCEDE ET SYSTEME D'EXECUTION DE MULTI-SEGMENTATION OSSEUSE DANS DES DONNEES D'IMAGE**
[72] RANDRIANARISOA, VENEREE RAKOTOMALALA, CA
[72] RIVET-SABOURIN, GEOFFROY, CA
[71] LABORATOIRES BODYCAD INC., CA
[22] 2016-08-26
[41] 2017-06-29
[30] US (14/982,029) 2015-12-29
[30] EP (15 202 865.0) 2015-12-29

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[25] EN
[54] **VARIABLE RESOLUTION LIGHT RADAR SYSTEM**
[54] **SYSTEME RADAR A LUMIERE A RESOLUTION VARIABLE**
[72] JUNGWIRTH, DOUGLAS R., US
[72] BOUCKAERT, ANTON M., US
[71] THE BOEING COMPANY, US
[22] 2016-08-31
[41] 2017-06-29
[30] US (14/982,416) 2015-12-29

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[51] **Int.Cl. H02J 3/38 (2006.01) H02M 1/42 (2007.01) H02J 3/18 (2006.01)**
[25] EN
[54] **DISTRIBUTED POWER SUPPLY SYSTEM, POWER CONVERTER DEVICE, AND METHOD OF CONTROLLING POWER FACTOR**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE REPARTIE, DISPOSITIF DE CONVERTISSEUR DE SECTEUR ET PROCEDE DE COMMANDE DE FACTEUR DE PUISSANCE**
[72] ASANO, HIROSHI, JP
[72] KONISHI, HIROFUMI, JP
[71] TABUCHI ELECTRIC CO., LTD., JP
[22] 2016-09-13
[41] 2017-06-28
[30] JP (2015-257093) 2015-12-28
[30] JP (2016-157172) 2016-08-10

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[13] A1
[51] **Int.Cl. G01N 23/06 (2006.01) G01N 23/04 (2006.01) H05G 1/32 (2006.01)**
[25] EN
[54] **HUMAN BODY SECURITY INSPECTION SYSTEM AND METHOD FOR HUMAN BODY SECURITY INSPECTION PERFORMED BY USING THE SYSTEM**
[54] **SYSTEME D'INSPECTION DE SECURITE DU CORPS HUMAIN ET PROCEDE D'INSPECTION DE SECURITE DU CORPS HUMAIN EXECUTE AU MOYEN DU SYSTEME**
[72] CHEN, ZHIQIANG, CN
[72] ZHAO, ZIRAN, CN
[72] LI, YUANJING, CN
[72] WU, WANLONG, CN
[72] TANG, LE, CN
[72] RUAN, MING, CN
[71] NUCTECH COMPANY LIMITED, CN
[22] 2016-09-15
[41] 2017-06-28
[30] CN (201511001494.6) 2015-12-28

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[13] A1
[51] **Int.Cl. G01T 1/02 (2006.01)**
[25] EN
[54] **HUMAN BODY RADIATION EXAMINING METHOD AND HUMAN BODY RADIATION EXAMINING SYSTEM**
[54] **PROCEDE ET SYSTEME D'EXAMEN PAR RAYONNEMENT DU CORPS HUMAIN**
[72] ZHAO, ZIRAN, CN
[72] CHEN, ZHIQIANG, CN
[72] LI, YUANJING, CN
[72] WU, WANLONG, CN
[72] JIN, YINGKANG, CN
[72] ZHU, CHENGUANG, CN
[71] NUCTECH COMPANY LIMITED, CN
[22] 2016-09-22
[41] 2017-06-29
[30] CN (201511008958.6) 2015-12-29
[30] CN (201521116652.8) 2015-12-29
[30] CN (201610818922.2) 2016-09-12

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[13] A1
[51] **Int.Cl. G01N 23/04 (2006.01)**
[25] EN
[54] **INSPECTION SYSTEMS FOR QUARANTINE AND METHODS THEREOF**
[54] **SYSTEMES D'INSPECTION POUR QUARANTAINE ET PROCEDES ASSOCIES**
[72] MIAO, QITIAN, CN
[72] CHEN, ZHIQIANG, CN
[72] ZHANG, LI, CN
[72] SUN, YUNDA, CN
[72] HUANG, MING, CN
[72] HUANG, QINGPING, CN
[72] HU, MING, CN
[72] LEI, LEI, CN
[72] XIA, JIE, CN
[71] NUCTECH COMPANY LIMITED, CN
[71] CINTS CO. LTD., CN
[22] 2016-09-29
[41] 2017-06-29
[30] CN (201511010081.4) 2015-12-29

[21] **2,945,624**
[13] A1
[51] **Int.Cl. H01B 7/04 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **REINFORCED ELECTRIC WIRE AND METHODS OF MAKING THE SAME**
[54] **FIL ELECTRIQUE RENFORCE ET SES PROCEDES DE FABRICATION**
[72] CAO, XIAOFENG, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2016-10-17
[41] 2017-06-30
[30] US (62/272,812) 2015-12-30

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[13] A1
[51] **Int.Cl. G05G 1/02 (2006.01) G01B 7/16 (2006.01) H01H 13/02 (2006.01) H01H 13/26 (2006.01)**
[25] EN
[54] **STRAIN GAUGE PROPORTIONAL PUSH BUTTON**
[54] **BOUTON-POUSSOIR PROPORTIONNEL DE TENSIOMETRE**
[72] TOWERS, KEVIN CHRISTOPHER, CA
[71] EATON CORPORATION, US
[22] 2016-10-31
[41] 2017-06-30
[30] US (14/985,579) 2015-12-31

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[13] A1
[51] **Int.Cl. H01H 71/04 (2006.01) G08C 23/04 (2006.01)**
[25] EN
[54] **CIRCUIT INTERRUPTER DIAGNOSTIC SYSTEM**
[54] **SYSTEME DE DIAGNOSTIC D'INTERRUPTEUR DE CIRCUIT**
[72] OKERMAN, JASON, US
[71] EATON CORPORATION, US
[22] 2016-11-01
[41] 2017-06-29
[30] US (14/982,549) 2015-12-29

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[13] A1
[51] **Int.Cl. B23K 9/06 (2006.01) B23K 9/09 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **WELDING POWER SUPPLY WITH HALF BRIDGE**
[54] **ALIMENTATION ELECTRIQUE DE SOUDAGE AVEC DEMI-PONT**
[72] HENRY, ANDREW J., US
[71] ILLINOIS TOOL WORK INC., US
[22] 2016-11-02
[41] 2017-06-30
[30] US (14/986,284) 2015-12-31

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[13] A1
[51] **Int.Cl. C08G 18/48 (2006.01) C09D 5/02 (2006.01) C09D 175/06 (2006.01)**
[25] EN
[54] **POLYETHER-URETHANE-UREA ADDITIVES FOR BLOCK RESISTANCE AND OPEN TIME**
[54] **ADDITIFS DE POLY(ETHER-URETHANE-UREE) POUR RESISTANCE AU BLOCAGE ET TEMPS OUVERT**
[72] YEUNG, KIMY, US
[72] VAN DYK, ANTONY K., US
[72] DEROCHER, JONATHAN, US
[72] ARTURO, STEVEN, US
[72] RABASCO, JOHN J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-11-18
[41] 2017-06-28
[30] US (62/271,396) 2015-12-28

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[51] **Int.Cl. C11D 10/04 (2006.01) C11D 13/14 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **BAR SOAP WITH CATIONIC AGENT**
[54] **SAVON EN PAIN AVEC AGENT CATIONIQUE**
[72] JABCZYNSKI, CHRISTOPHER, US
[72] CONWAY, MARY J., US
[72] SALAS, JUAN, US
[72] MACIAS, JESUS, US
[71] THE DIAL CORPORATION, US
[22] 2016-11-30
[41] 2017-06-29
[30] US (14/982,797) 2015-12-29

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[13] A1
[51] **Int.Cl. G08B 13/191 (2006.01) G02B 3/08 (2006.01)**
[25] EN
[54] **CEILING MOUNT INTRUSION DETECTOR WITH ARBITRARY DIRECTION DETECTION CAPABILITY**
[54] **DETECTEUR D'INTRUSION FIXE AU PLAFOND AVEC CAPACITE DE DETECTION DE DIRECTION ARBITRAIRE**
[72] XU, HAIDONG, US
[72] ZHAO, JIE, US
[72] XU, GUOBIN, US
[72] WU, DI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-12-02
[41] 2017-06-29
[30] US (14/982,787) 2015-12-29

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/06 (2006.01)**
[25] EN
[54] **COMPRESSION BANDAGE FOR TREATING LYMPHATIC EDEMAS**
[54] **BANDAGE DE COMPRESSION POUR TRAITER LES OEDEMES LYMPHATIQUES**
[72] SCHETTLER, UWE, DE
[71] JULIUS ZORN GMBH, DE
[22] 2016-12-06
[41] 2017-06-30
[30] DE (202015107145.0) 2015-12-30

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[13] A1
[51] **Int.Cl. G08B 29/00 (2006.01) G08B 13/196 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **VIDEO SURVEILLANCE SYSTEM WITH SELECTABLE OPERATING SCENARIOS AND SYSTEM TRAINING FOR IMPROVED SITUATIONAL AWARENESS**
[54] **SYSTEME DE VIDEOSURVEILLANCE AVEC SCENARIOS DE FONCTIONNEMENT SELECTIONNABLES ET APPRENTISSAGE DE SYSTEME POUR PERCEPTION SITUATIONNELLE AMELIOREE**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[72] DHAYALAN, SIVASANTHANAM, US
[72] MOHANAM, DAMODHARAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-12-05
[41] 2017-06-30
[30] US (14/983,711) 2015-12-30

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/20 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PAGE CONSTRUCTOR AND PAGE CONSTRUCTING METHOD**
[54] **CONSTRUCTEUR DE PAGE ET PROCEDE DE CONSTRUCTION DE PAGE**
[72] DONG, AIQIANG, CN
[72] SHI, CHAO, CN
[72] CHEN, GANG, CN
[72] LI, XIAOJIE, CN
[71] BEIJING CHINA-POWER INFORMATION TECHNOLOGY CO., LTD., CN
[71] STATE GRID INFORMATION & TELECOMMUNICATIONS GROUP CO., LTD., CN
[71] STATE GRID CORPORATION OF CHINA (SGCC), CN
[22] 2016-12-08
[41] 2017-06-28
[30] CN (201511000888.X) 2015-12-28

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[13] A1
[51] **Int.Cl. H01R 25/14 (2006.01) H01R 24/38 (2011.01) H01R 13/639 (2006.01) H02J 1/00 (2006.01) H02M 7/04 (2006.01)**
[25] EN
[54] **LOW VOLTAGE BUSS SYSTEM**
[54] **SYSTEME DE BUS BASSE TENSION**
[72] ZANTOUT, ALAN EMAD, US
[72] SWEDBERG, BENJAMIN DAVID, US
[72] FILDES, TREVOR DON, US
[71] IDEAL INDUSTRIES, INC., US
[22] 2016-12-12
[41] 2017-06-30
[30] US (14/986,225) 2015-12-31

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[13] A1
[51] **Int.Cl. A63F 13/61 (2014.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) A63F 13/216 (2014.01) A63F 13/45 (2014.01)**
[25] EN
[54] **INTERACTIVE GAMING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE JEU INTERACTIF**
[72] VAN BRIGGLE, CHRISTOPHER RYAN, US
[72] JOHNSON, CHRISTOPHER MARK, US
[71] WAL-MART STORES, INC., US
[22] 2016-12-12
[41] 2017-06-30
[30] US (62/273,596) 2015-12-31

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[51] **Int.Cl. B66C 23/36 (2006.01) B60P 7/08 (2006.01) B62D 55/06 (2006.01) F16M 11/42 (2006.01)**
[25] EN
[54] **CAMERA CRANE TRACTOR**
[54] **TRACTEUR DE GRUE DE PRISES DE VUES**
[72] CHAPMAN, LEONARD T., US
[71] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[22] 2016-12-12
[41] 2017-06-28
[30] US (14/981,724) 2015-12-28

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[13] A1
[51] **Int.Cl. F04D 1/06 (2006.01) B23P 6/00 (2006.01)**
[25] EN
[54] **MULTI-STAGE HORIZONTAL CENTRIFUGAL PUMP FOR CONVEYING A FLUID AND A METHOD FOR REPAIRING THE SAME**
[54] **POMPE CENTRIFUGE HORIZONTALE A PLUSIEURS ETAGES POUR TRANSPORTER UN FLUIDE ET PROCEDE DE REPARATION DE CELLE-CI**
[72] LAGAS, NICOLAS, FR
[71] SULZER MANAGEMENT AG, CH
[22] 2016-12-13
[41] 2017-06-30
[30] EP (15203126.6) 2015-12-30

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[51] **Int.Cl. F28F 27/02 (2006.01) B64D 33/10 (2006.01) F01D 25/12 (2006.01) F02C 7/14 (2006.01) F16N 39/02 (2006.01) F28F 9/22 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COMBINATION HEAT EXCHANGER**
[54] **PROCEDE ET SYSTEME POUR UN ECHANGEUR THERMIQUE COMBINE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-15
[41] 2017-06-28
[30] US (14/981,113) 2015-12-28

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[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 21/00 (2006.01) F01D 25/12 (2006.01) F02C 3/13 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF REDUCING POST-SHUTDOWN ENGINE TEMPERATURES**
[54] **SYSTEME ET PROCEDE DE REDUCTION DE TEMPERATURES DE MOTEUR APRES L'ARRET**
[72] BAYRAKTAR, ILHAN, US
[72] BAYRAKTAR, TUBA, US
[72] ELBIBARY, MOHAMED, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-15
[41] 2017-06-30
[30] US (14/984,531) 2015-12-30

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) F28F 9/00 (2006.01)**
[25] EN
[54] **COMPARTMENTALIZED HEAT EXCHANGER IN INDUSTRIAL COMPONENT SYSTEM**
[54] **ECHANGEUR THERMIQUE COMPARTIMENTE DANS UN SYSTEME DE COMPOSANTS INDUSTRIELS**
[72] STOCKDALE, JOHN, CA
[71] STOCKDALE, JOHN, CA
[22] 2016-12-15
[41] 2017-06-29
[30] CA (2914383) 2015-12-29

[21] **2,951,682**
[13] A1
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[25] EN
[54] **METHOD AND SYSTEM FOR OPEN ROTOR ENGINE FUSELAGE PROTECTION**
[54] **PROCEDE ET SYSTEME DE PROTECTION DE FUSELAGE AVEC MOTEUR A ROTOR OUVERT**
[72] MILLER, BRANDON WAYNE, US
[72] PRENTICE, IAN FRANCIS, US
[72] GOERIG, TREVOR WAYNE, US
[72] WOOD, TREVOR HOWARD, US
[72] RAMAKRISHNAN, KISHORE, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-06-30
[30] US (14/984,758) 2015-12-30

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **TURBOFAN ENGINE ASSEMBLY AND METHODS OF ASSEMBLING THE SAME**
[54] **ASSEMBLAGE DE TURBOREACTEUR A DOUBLE FLUX ET PROCEDES D'ASSEMBLAGE DE CELUI-CI**
[72] MONIZ, THOMAS ORY, US
[72] ROSE, JOSEPH GEORGE, US
[72] KEMPER, PAUL DANIEL, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SEPARABLE BLADE PLATFORM RETENTION CLIP**
[54] **PROCEDE ET SYSTEME DE PINCE DE RETENUE DE PLATEFORME D'AUBE SEPARABLE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] SCHILLING, JAN CHRISTOPHER, US
[72] JAIN, NITESH, IN
[72] ROY, ABHIJIT, IN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-15
[41] 2017-06-30
[30] US (14/985,169) 2015-12-30

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[51] **Int.Cl. G01M 15/12 (2006.01) F02D 17/04 (2006.01) F02D 41/14 (2006.01) F02D 41/22 (2006.01) F02F 3/00 (2006.01) G01L 23/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO VERIFY INSTALLATION OF ASYMMETRIC PISTON**
[54] **SYSTEME ET PROCEDE POUR VERIFIER L'INSTALLATION D'UN PISTON ASYMETRIQUE**
[72] NEUMAN, KENNETH EDWARD, US
[72] DONAHUE, RICHARD JOHN, US
[72] BIZUB, JEFFREY JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-15
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[51] **Int.Cl. F02K 3/04 (2006.01) F01D 25/30 (2006.01) F02C 3/04 (2006.01) F02C 7/36 (2006.01) F02K 3/075 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IN-LINE DISTRIBUTED PROPULSION**
[54] **PROCEDE ET SYSTEME DE PROPULSION REPARTIE EN LIGNE**
[72] MILLER, BRANDON WAYNE, US
[72] JOSHI, NARENDRA DIGAMBER, US
[72] PRENTICE, IAN FRANCIS, US
[72] MURROW, KURT DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. B32B 3/12 (2006.01) B32B 5/18 (2006.01) F02C 7/24 (2006.01)**
[25] EN
[54] **ACOUSTIC LINER FOR GAS TURBINE ENGINE COMPONENTS**
[54] **REVETEMENT INSONORISANT POUR COMPOSANTS DE TURBINE A GAZ**
[72] MARTINEZ, MICHAEL MOSES, US
[72] MAJJIGI, RUDRAMUNI KARIVEERAPPA, US
[72] DAVIES, STEVEN THOMAS, US
[72] GEERTSEMA, EGBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[71] MRA SYSTEMS, LLC, US
[22] 2016-12-15
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[51] **Int.Cl. F02C 7/14 (2006.01) F01D 25/12 (2006.01) F28D 21/00 (2006.01) F28F 3/02 (2006.01) F28F 3/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR A COMBINED AIR-OIL COOLER AND FUEL-OIL COOLER HEAT EXCHANGER**
[54] **PROCEDE ET SYSTEME POUR UN ECHANGEUR THERMIQUE COMBINE A REFROIDISSEUR D'AIR-HUILE ET REFROIDISSEUR DE CARBURANT-HUILE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-15
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[30] US (14/980,879) 2015-12-28

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[51] **Int.Cl. H02M 1/00 (2007.10) H02M 7/537 (2006.01)**
[25] EN
[54] **HYBRID CONVERTER SYSTEM**
[54] **SYSTEME DE CONVERTISSEUR HYBRIDE**
[72] ZHANG, DI, US
[72] ZHOU, RUI, US
[72] SHE, XU, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F02C 7/14 (2006.01) F01D 25/12 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COMPRESSOR AND TURBINE COOLING**
[54] **PROCEDE ET SYSTEME DE REFROIDISSEMENT DE COMPRESSEUR ET DE TURBINE**
[72] MONIZ, THOMAS ORY, US
[72] ROSE, JOSEPH GEORGE, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. C09K 9/02 (2006.01)**
[25] EN
[54] **STRAIN GAUGE POLYMER COMPRISING PHOTOCHROMIC COLORANT**
[54] **POLYMERE DE JAUGE EXTENSOMETRIQUE COMPRENANT UN COLORANT PHOTOCHROMIQUE**
[72] CHOPRA, NAVEEN, CA
[72] PRESTAYKO, RACHEL, CA
[72] VELLA, SARAH J., CA
[71] XEROX CORPORATION, US
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[51] **Int.Cl. C08L 61/28 (2006.01) C08K 5/1515 (2006.01) C08L 25/18 (2006.01)**
[25] EN
[54] **INTERLAYER COMPOSITION FOR ELECTRONIC PRINTING**
[54] **COMPOSITION INTERCOUCHE POUR IMPRESSION ELCTRONIQUE**
[72] SONG, GUIQIN, CA
[72] LIU, PING, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] HU, NAN-XING, CA
[72] GOREDEMA, ADELA, CA
[72] SKOROKHOD, VLADISLAV, CA
[71] XEROX CORPORATION, US
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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FORECASTING ON-SHELF PRODUCT AVAILABILITY**
[54] **SYSTEMES ET PROCEDES DE PREVISION DE DISPONIBILITE DE PRODUITS SUR LES TABLETTES**
[72] SARIN, MADHUR, IN
[72] RAJANALA, NANDA K., IN
[72] MUDASSIR, SYED M., IN
[71] WAL-MART STORES, INC., US
[22] 2016-12-16
[41] 2017-06-30
[30] US (62/293,644) 2016-02-10
[30] IN (7065/CHE/2015) 2015-12-30

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[51] **Int.Cl. B61H 13/36 (2006.01) B61H 1/00 (2006.01)**
[25] EN
[54] **RAILCAR BRAKE BEAM ASSEMBLY AND RELATED METHOD OF DESIGNING A RAILCAR BRAKE BEAM ASSEMBLY**
[54] **ENSEMBLE POUTRE-FREIN POUR WAGON ET METHODE CONNEXE DE CONCEPTION D'UN TEL ENSEMBLE**
[72] CENTENO, JOSEPH, US
[72] SENN, BRIAN A., US
[71] POWERBRACE CORPORATION, US
[71] MINER ENTERPRISES, INC., US
[22] 2016-12-16
[41] 2017-06-28
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/053 (2006.01)**
[25] EN
[54] **ADJUSTABLE TRACKING SENSOR SUITABLE FOR DIFFERENT RIGID TOOLS**
[54] **CAPTEUR DE SUIVI REGLABLE POUR DIVERS OUTILS RIGIDES**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-12-16
[41] 2017-06-30
[30] US (14/986,179) 2015-12-31

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[51] **Int.Cl. G08G 1/017 (2006.01) G08G 1/14 (2006.01) G01H 17/00 (2006.01) G01S 5/22 (2006.01) G01S 5/30 (2006.01) G01S 11/14 (2006.01)**
[25] EN
[54] **METHOD FOR IDENTIFICATION OF VEHICLES FOR OPERATING A CAR PARK OR A PARKING AREA**
[54] **METHODE D'IDENTIFICATION DE VEHICULE AUX FINS DE L'EXPLOITATION D'UN PARC DE STATIONNEMENT OU D'UNE AIRE DE STATIONNEMENT**
[72] SURKAU, REINHARD, DE
[72] SCHLECHTER, THOMAS, AT
[72] BREITENBERGER, SANDRA, AT
[72] BUCHEGGER, THOMAS, AT
[72] PICHLER, MARKUS, AT
[71] SKIDATA AG, AT
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[41] 2017-06-30
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[51] **Int.Cl. A01H 4/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/04 (2006.01)**
[25] EN
[54] **METHODS OF DEVELOPING PLANT SOMATIC EMBRYOS**
[54] **PROCEDES DE DEVELOPPEMENT D'EMBRYONS SOMATIQUES VEGETAUX**
[72] GUPTA, PRAMOD K., US
[71] WEYERHAEUSER NR COMPANY, US
[22] 2016-12-16
[41] 2017-06-30
[30] US (62/273,837) 2015-12-31

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[51] **Int.Cl. F16L 37/00 (2006.01)**
[25] EN
[54] **SUPPORT BLOCK FOR INTERCHANGEABLE COUPLINGS**
[54] **BLOC DE SUPPORT POUR ACCOUPLEMENTS INTERCHANGEABLES**
[72] FERRARA, ROCCO, IT
[72] SORBI, ROBERTO, IT
[72] RUSCONI, PAOLO, IT
[71] FASTER S.P.A., IT
[22] 2016-12-19
[41] 2017-06-29
[30] EP (15202974.0) 2015-12-29

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) H01L 23/36 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HEAT SINKING OF CAMERA MODULE**
[54] **PROCEDE ET SYSTEME DE DISSIPATION THERMIQUE D'UN MODULE DE CAMERA**
[72] WARREN, GARY, CA
[72] VAN ROON, DARREN, CA
[72] GRILLS, REGINALD C., CA
[72] CHAMUCZYNSKI, SIMON, CA
[71] FLEXTRONICS AP, LLC, US
[22] 2016-12-20
[41] 2017-06-30
[30] US (14/986,393) 2015-12-31

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[13] A1
[51] **Int.Cl. G03B 17/02 (2006.01) B60R 11/04 (2006.01) G03B 17/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF SEALING FRONT HALF OF CAMERA MODULE**
[54] **PROCEDE ET SYSTEME D'ETANCHEISATION DE LA MOITIE AVANT D'UN MODULE DE CAMERA**
[72] WARREN, GARY, CA
[72] VAN ROON, DARREN, CA
[72] GRILLS, REGINALD C., CA
[72] TOFILESCU, POMPILIAN, CA
[71] FLEXTRONICS AP, LLC, US
[22] 2016-12-20
[41] 2017-06-30
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[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **ELECTRIC VEHICLE CHARGING TO REDUCE UTILITY COST**
[54] **CHARGEMENT DE VEHICULES ELECTRIQUES POUR REDUIRE LE COUT DES SERVICES PUBLICS**
[72] MCGRATH, SEAMUS T., US
[72] ALLEN, JUSTIN, US
[72] ERTEL, KEVIN, US
[71] PROTERRA INC., US
[22] 2016-12-21
[41] 2017-06-30
[30] US (14/985,126) 2015-12-30

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[51] **Int.Cl. A01M 31/00 (2006.01)**
[25] EN
[54] **GAME CALL DEVICE**
[54] **DISPOSITIF D'APPEL DE GIBIER**
[72] REAGAN, DEAN, US
[72] HEDLUND, LYLE, US
[71] PLANO MOLDING COMPANY, US
[22] 2016-12-21
[41] 2017-06-28
[30] US (62/271,650) 2015-12-28

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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **WELD SEQUENCER PART AND STATISTICAL LIMITS ANALYZER**
[54] **PIECE DE SEQUENCEUR DE SOUDAGE ET ANALYSEUR DE LIMITES STATISTIQUES**
[72] DANIEL, JOSEPH ALLEN, US
[71] LINCOLN GLOBAL, INC., US
[22] 2016-12-21
[41] 2017-06-30
[30] US (62/273,205) 2015-12-30
[30] US (15/014,965) 2016-02-03

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[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 35/02 (2006.01)**
[25] EN
[54] **SAMPLE PROCESSING APPARATUS AND SAMPLE PROCESSING METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'ECHANTILLON**
[72] ITOH, TERUAKI, JP
[71] AOI SEIKI CO., LTD., JP
[22] 2016-12-22
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[30] JP (2015-256331) 2015-12-28

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[51] **Int.Cl. A61K 35/741 (2015.01) A61P 1/16 (2006.01) A61P 13/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **MICROBIOTA RESTORATION THERAPY (MRT), COMPOSITIONS AND METHODS OF MANUFACTURE**
[54] **COMPOSITIONS DE THERAPIE DE RETABLISSEMENT DE MICROBIOTE (MRT) ET PROCEDES DE FABRICATION**
[72] ERICKSON, JOSHUA, US
[72] JONES, LEE A., US
[72] JONES, COURTNEY R., US
[72] BROWN, BETH ANNE-SZKUDLAREK, US
[71] REBIOTIX, INC., US
[22] 2016-12-22
[41] 2017-06-30
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[51] **Int.Cl. F01D 25/12 (2006.01) B64D 33/08 (2006.01) F02C 7/12 (2006.01) F28D 15/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF SOAKBACK MITIGATION THROUGH PASSIVE COOLING**
[54] **SYSTEME ET PROCEDE DE REDUCTION DU FLUX THERMIQUE GRACE AU REFROIDISSEMENT PASSIF**
[72] ELBIBARY, MOHAMED, US
[72] RIAZ, SHAHI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
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[51] **Int.Cl. F01D 25/20 (2006.01) F02C 7/06 (2006.01) F04D 1/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CENTRIFUGAL PUMP**
[54] **PROCEDE ET SYSTEME POUR POMPE CENTRIFUGE**
[72] MONIZ, THOMAS ORY, US
[72] BECKER, THOMAS LEE, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
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[51] **Int.Cl. F21K 9/00 (2016.01) F21K 9/237 (2016.01) F21S 8/04 (2006.01)**
[25] EN
[54] **SOLID STATE LIGHT ASSEMBLY FOR FLUSH MOUNTED LED LIGHTING FIXTURES**
[54] **ENSEMBLE D'ECLAIRAGE A SEMI-CONDUCTEURS POUR LUMINAIRES A DEL MONTES DE MANIERE AFFLEURANTE**
[72] TREADWAY, PATRICK, US
[71] MAXLITE, INC., US
[22] 2016-12-28
[41] 2017-06-30
[30] US (62/273,025) 2015-12-30
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[51] **Int.Cl. H03K 17/00 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **DYNAMIC SNUBBER SWITCH FOR AC LOAD SIDE APPLICATION**
[54] **INTERRUPTEUR D'AMORTISSEMENT DYNAMIQUE POUR APPLICATION COTE CHARGE A COURANT ALTERNATIF**
[72] GUMINA, RONALD J., US
[72] DEWENTER, MICHAEL T., US
[71] HOME AUTOMATION INC., US
[22] 2016-12-28
[41] 2017-06-30
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[51] **Int.Cl. B60K 15/063 (2006.01) B60K 15/067 (2006.01) B60K 15/07 (2006.01)**
[25] EN
[54] **PROCESS FOR DEVELOPING A FUEL SYSTEM**
[54] **PROCEDE D'ELABORATION D'UN SYSTEME DE CARBURANT**
[72] MATIJEVICH, MARK, US
[72] MATIJEVICH, TONY, US
[72] MCCREA, TERRY, US
[71] MATIJEVICH, MARK, US
[71] MATIJEVICH, TONY, US
[71] MCCREA, TERRY, US
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[51] **Int.Cl. G01J 3/12 (2006.01) G02B 5/08 (2006.01) G02B 5/20 (2006.01) G02B 27/00 (2006.01)**
[25] EN
[54] **METAL MIRROR BASED MULTISPECTRAL FILTER ARRAY**
[54] **MATRICE DE FILTRES MULTISPECTRAUX A MIROIR METALLIQUE**
[72] OCKENFUSS, GEORG J., US
[71] VIAVI SOLUTIONS INC., US
[22] 2016-12-22
[41] 2017-06-29
[30] US (62/272,086) 2015-12-29
[30] US (62/294,970) 2016-02-12
[30] US (15/385,240) 2016-12-20

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[13] A1
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[25] EN
[54] **VIRTUALIZED CUSTOMER PREMISES EQUIPMENT**
[54] **EQUIPEMENT DES LOCAUX D'UN CLIENT VIRTUALISE**
[72] KOAT, PETER, CA
[72] KOSTUR, ANDRE, CA
[72] BUSCH, CHRISTOPHER, CA
[72] BOURQUE, STEPHANE, CA
[71] INCOGNITO SOFTWARE SYSTEMS INC., CA
[22] 2016-12-28
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[51] **Int.Cl. B32B 7/08 (2006.01) B32B 7/12 (2006.01) B32B 9/00 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **GRAPHENE ULTRA-CONDUCTIVE CASING WRAP**
[54] **ENVELOPPE DE BOITIER ULTRA-CONDUCTRICE EN GRAPHENE**
[72] GUIJARRO VALENCIA, ANTONIO, DE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
[41] 2017-06-30
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[13] A1
[51] **Int.Cl. F01D 17/16 (2006.01) B81B 7/02 (2006.01) F04B 43/02 (2006.01)**
[25] EN
[54] **ACTUATION SYSTEM UTILIZING MEMS TECHNOLOGY**
[54] **SYSTEME D'ACTIONNEMENT UTILISANT LA TECHNOLOGIE DES SYSTEMES MICRO-ELECTROMECANIQUES**
[72] MONIZ, THOMAS ORY, US
[72] ROSE, JOSEPH GEORGE, US
[72] ORLANDO, ROBERT JOSEPH, US
[72] CHOU, CHENYU JACK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
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[51] **Int.Cl. H04N 21/4147 (2011.01) H04B 5/00 (2006.01) H04N 5/76 (2006.01) H04N 7/18 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **AUDIO/VISUAL RECORDING APPARATUS, AUDIO/VISUAL RECORDING AND PLAYBACK SYSTEM AND METHODS FOR THE SAME**
[54] **APPAREIL D'ENREGISTREMENT AUDIOVISUEL, ENREGISTREMENT AUDIOVISUEL ET SYSTEME DE LECTURE ET PROCEDES ASSOCIES**
[72] HIGH, DONALD, US
[72] MCHALE, BRIAN, GB
[71] WAL-MART STORES, INC., US
[22] 2016-12-22
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[30] US (62/273,685) 2015-12-31

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F01D 25/26 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **WEAR RESISTANT FRAME LINER JOINT ASSEMBLY FOR A GAS TURBINE ENGINE**
[54] **ENSEMBLE JOINT DE GARNITURE DE CHASSIS RESISTANT A L'USURE POUR UN MOTEUR A TURBINE A GAZ**
[72] OSWALD, ERIC ROBERT, US
[72] RYCZEK, SCOTT PATRICK, US
[72] BOSEL, TOD KENNETH, US
[72] CZACHOR, ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/62 (2006.01) F02K 1/70 (2006.01) F02K 1/80 (2006.01)**
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[54] **V-BLADE AND V-GROOVE JOINT MOLDED COMPOSITE WEAR EDGE GUARD**
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[72] BLACKBURN, MICHELLE ANN, US
[72] ROBINSON, JORDAN DANIEL, US
[72] RAVENHALL, JOHN ANDREW, US
[72] SZEHIDEWICZ, KAMIL, US
[72] HERNANDEZ LANGFORD, CARLA PATRICIA, US
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[54] **SYSTEMES ET PROCEDES POUR UNE FENTE DE DIFFUSION DE COMPRESSEUR**
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[72] PROCTOR, ROBERT, US
[72] RATZLAFF, JONATHAN RUSSELL, US
[72] DOERFLEIN, THOMAS MATTHEW, US
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[54] **ENSEMBLE DE COUPLAGE THERMIQUE POUR TUBES**
[72] KARATAS, CANER, TR
[72] YORUK, HASAN, TR
[71] GENERAL ELECTRIC COMPANY, US
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[71] FEDERAL SIGNAL CORPORATION, US
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[54] **CONNECTING SYSTEMS FOR ADJACENT ENDS OF INSULATION TUBING**
[54] **SYSTEMES DE RACCORDEMENT POUR EXTREMITES ADJACENTES DE TUBES D'ISOLATION**
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[72] STEVERSON, BRAD, US
[72] ERTEL, GREG, US
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[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE POSITION ET UNE VITESSE ACTIONNABLES**
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[72] GRIFFITH, KEITH, US
[72] SELTZER, RICK, US
[71] RADIO SYSTEMS CORPORATION, US
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[72] SHAPPELL, JARED W., US
[71] RODDIE, INC., US
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[71] VIAVI SOLUTIONS INC., US
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[72] MOOSAVI, ALI, DE
[72] JAHANKHANI, SAEED, DE
[71] BUSINESS OBJECTS SOFTWARE LIMITED, IE
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[54] **APPAREIL DE FRAPPE POUR SPORTS DE FRAPPE**
[72] AGES, MARK STEPHEN, CA
[71] CROSSHAIR BAT CORP., CA
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[54] **CONSTRUCTION AMELIOREE DE FERMETURE DE CANALISATION AVEC SYSTEME DE POSITIONNEMENT ET D'AVERTISSEMENT SANS FIL**
[72] FU, JUI-CHI, CN
[72] HUNG, NIEN-CHI, CN
[71] FU, JUI-CHI, CN
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[54] **SYSTEME ET PROCEDE D'ECLAIRAGE A BANDEROLE**
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[72] LEUNG, CHI YIN ALAN, US
[71] POLYGROUP MACAU LIMITED (BVI), VG
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[54] **GRAIN CART WITH ROTATABLE FOLDING AUGER ASSEMBLY**
[54] **CHARIOT A GRAIN AVEC ENSEMBLE DE TARIERE PLIANTE ROTATIVE**
[72] VAN MILL, MICHAEL D., US
[71] UNVERFERTH MANUFACTURING COMPANY, INC., US
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[54] **PROCEDE POUR LIMITER LES EMISSIONS DE GAZ A PARTIR DE PARTICULES POREUSES**
[72] DUFRESNE, PIERRE, FR
[72] GALLIOU, PAULINE, FR
[72] BAFFERT, MATHIEU, FR
[72] LABOULFIE, FABIEN, FR
[71] EURECAT S.A, FR
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[54] **PROCEDES POUR DETERMINER DES INDICES DE VIBRATION COMPOSITE D'UN ENSEMBLE DE FORAGE**
[72] BAILEY, JEFFREY R., US
[72] SPIVEY, BENJAMIN, US
[72] PAYETTE, GREGORY S., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **PROCEDE POUR SURVEILLER LES AUTORISATIONS D'ACCES AU MOYEN D'UN SYSTEME DE SURVEILLANCE D'ACCES**
[72] SURKAU, REINHARD, DE
[72] HEIDER, MICHAEL, AT
[72] SCHLECHTER, THOMAS, AT
[72] CLEMENTE DIAZ, JORGE JUAN, AT
[72] LANG, CHRISTIAN, AT
[71] SKIDATA AG, AT
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[54] **PROCEDE DE COMMUNICATION, CONTROLEUR ET SYSTEME POUR GERER LES COMMUNICATIONS DANS UN SYSTEME DE CAISSE**
[72] LEGGO, JEFFREY, CA
[72] SCHWARTZ, JONATHAN, CA
[72] GIVULESCU, MIHAELA, CA
[71] FUJITSU AMERICA, INC., US
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[54] **METHOD FOR DETERMINING THE STATE OF ACCESS CONTROL DEVICES AND SALES OR PAYMENT MACHINES OF AN ACCESS CONTROL SYSTEM**
[54] **PROCEDE POUR DETERMINER L'ETAT DE DISPOSITIFS DE CONTROLE D'ACCES ET DE MACHINES DE VENTE OU DE PAIEMENT D'UN SYSTEME DE CONTROLE D'ACCES**
[72] SCHLECHTER, THOMAS, AT
[72] BUCHEGGER, THOMAS, AT
[72] HESCH, CLEMENS, AT
[72] PICHLER, MARKUS, AT
[71] SKIDATA AG, AT
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[54] **LIANTS ET COMPOSITIONS D'ASPHALTE MODIFIES**
[72] WINSHIP, RYAN H., US
[72] HOLMES, CHRISTOPHER J., US
[72] BROERE, DAVID J.C., US
[71] ARIZONA CHEMICAL COMPANY, LLC, US
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[72] APPLEGATE, RYAN, US
[72] HOSSEINI, MAJID, US
[72] KUMARA, KARTHIK, US
[72] WEE, TIMOTHY, US
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[54] **PROCEDE ET SYSTEME POUR ETABLIR UNE CORRESPONDANCE ENTRE LES DEMANDEURS D'EMPLOI ET LES FOURNISSEURS D'EMPLOI**
[72] POTRATZ, MARY ELIZABETH, US
[72] HOLZHEIMER, EDWARD TIMOTHY, US
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE DONNEES EN TEMPS REEL ET HISTORIQUES ET DE GENERATION D'INTERFACES UTILISATEURS GRAPHIQUES PREDICTIVES**
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[54] **SYSTEME ET PROCEDES DE CONTROLE ET/OU DE SURVEILLANCE DE L'EAU DE REFLUX**
[72] JOHNS, ROGER, US
[72] FOLMAR, STEPHEN, US
[72] GREEN, MATTHEW B., US
[72] AKTAS, LEVENT, US
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[54] **RETRAIT DE GAZ SANS CONDENSATION D'UNE CHAMBRE DE VAPEUR AVEC C0-INJECTION DE VAPEUR ET D'AGENT D'AMELIORATION DE CONVECTION**
[72] KOCHHAR, ISHAN DEEP S., CA
[72] LAMB-FAUQUIER, ERIN, CA
[72] MILLER, RYAN, CA
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[71] LAVELLE INDUSTRIES, INC., US
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[72] CUNNINGHAM, STEVEN PAUL, CA
[72] CORASINITI, COLIN, CA
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[54] **APPAREIL D'IMAGERIE ET D'ANALYSE D'ECHANTILLONS DENTAIRES IN VITRO**
[72] SIVAGURUNATHAN, KONESWARAN, CA
[72] ABRAMS, STEPHEN, CA
[72] HELLEN, ADAM, CA
[72] MANDELIS, ANDREAS, CA
[72] SILVERTOWN, JOSHUA D., CA
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[54] **GRILLE DE BARBECUE ET METHODE DE CUISSON SUR GRILLE DE BARBECUE**
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[71] FOODS-I CO., LTD., JP
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[54] **MECANISME EQUILIBRE POUR ECONOMIE D'ENERGIE, MACHINE TOURNANTE ET PROCEDE DE MISE EN OEUVRE**
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[72] DA SILVA FILHO, ELOI ALVES, BR
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[51] **Int.Cl. C22B 26/10 (2006.01) C01D 17/00 (2006.01) C22B 1/02 (2006.01)**
[25] EN
[54] **METHODS FOR RECOVERING CESIUM OR RUBIDIUM VALUES FROM ORE OR OTHER MATERIALS**
[54] **PROCEDES DE RECUPERATION DE VALEURS DE CESIUM OU DE RUBIDIUM PROVENANT DE MINERAI OU D'AUTRES MATERIAUX**
[72] BAKKE, BART F., US
[71] CABOT CORPORATION, US
[85] 2017-05-10
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[54] **MIXED PHOSPHORUS ESTERS FOR LUBRICANT APPLICATIONS**
[54] **ESTERS PHOSPHORES MIXTES POUR DES APPLICATIONS DE LUBRIFIANT**
[72] ABRAHAM, WILLIAM D., US
[72] NGUYEN, NGA H., US
[72] ADAMS, PAUL E., US
[72] WOLLENBERG, KURT F., US
[71] THE LUBRIZOL CORPORATION, US
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[54] **SECURITY TAG**
[54] **ETIQUETTE DE SECURITE**
[72] LUO, DANHUI, US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2017-05-10
[86] 2015-10-08 (PCT/US2015/054723)
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[25] EN
[54] **SURFACE STEERABLE DRILLING SYSTEM FOR USE WITH ROTARY STEERABLE SYSTEM**
[54] **SYSTEME DE FORAGE ORIENTABLE DE SURFACE DESTINE A ETRE UTILISE AVEC UN SYSTEME ROTARY ORIENTABLE**
[72] BENSON, TODD W., US
[72] CHEN, TEDDY, US
[72] WILMES, JOEL, US
[71] MOTIVE DRILLING TECHNOLOGIES, INC., US
[85] 2017-03-30
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[54] ESTERS PHOSPHORES MIXTES POUR DES APPLICATIONS DE LUBRIFIANT
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[72] NGUYEN, NGA H., US
[72] ADAMS, PAUL E., US
[72] WOLLENBERG, KURT F., US
[71] THE LUBRIZOL CORPORATION, US
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[25] EN
[54] AN ATTACHMENT FOR MAKING UP OR BREAKING OUT PIPE
[54] FIXATION PERMETTANT DE MONTER OU DE DEMONTER UN TUYAU
[72] LAVALLEY, JASON, US
[72] LARSON, CRAIG, US
[72] MICHEL, MATT, US
[72] WURGLER, ROD, US
[72] BUSUTTIL, JOHN, US
[71] LAVALLEY INDUSTRIES, LLC, US
[85] 2017-05-10
[86] 2015-11-11 (PCT/US2015/060132)
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[25] EN
[54] DEGRADABLE MATERIAL FOR DOWNHOLE APPLICATIONS
[54] MATERIAU DEGRADABLE POUR APPLICATIONS DE FOND DE TROU
[72] DOANE, JAMES, US
[72] FURLAN, WAYNE, US
[72] DUAN, PING, US
[72] ROY, SAYANTAN, US
[72] SADANA, ANIL, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-05-10
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[25] EN
[54] METHODS AND COMPOSITIONS COMPRISING DESMOPRESSIN IN COMBINATION WITH AN ALPHA-ADRENERGIC RECEPTOR ANTAGONIST
[54] PROCEDES ET COMPOSITIONS COMPRENANT DE LA DESMOPRESSINE COMBINEE A UN ANTAGONISTE DU RECEPTEUR ALPHA-ADRENERGIQUE
[72] FEIN, SEYMOUR H., US
[72] CHENG, LINDA, US
[72] CHENG, MARIA, US
[72] HERSCHKOWITZ, SAMUEL, US
[71] ALLERGAN, INC., US
[85] 2017-05-10
[86] 2015-11-19 (PCT/US2015/061686)
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[25] EN
[54] AIR/WATER SEPARATOR FOR DRILL BITS, DRILL BIT AND DRILLING ASSEMBLY COMPRISING SUCH A SEPARATOR AND METHOD FOR DRILLING COMPRISING A DRILL STRING AND SUCH A DRILL BIT
[54] SEPARATEUR AIR/EAU POUR TREPANS, TREPANS ET ENSEMBLE DE FORAGE COMPRENANT UN TEL SEPARATEUR, ET PROCEDE DE FORAGE COMPRENANT UN TRAIN DE FORAGE ET UN TEL TREPAN
[72] PETERSON, GREGORY WAYNE, US
[72] GOPALAKRISHNA, SRINIDHI BANGALORE, IN
[72] SCHWEND, AUSTEN MORGAN, US
[71] ATLAS COPCO SECOROC LLC, US
[85] 2017-05-10
[86] 2015-11-23 (PCT/US2015/062178)
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[51] Int.Cl. C08F 2/38 (2006.01) C08F 2/34 (2006.01) C08F 4/6592 (2006.01)
[25] EN
[54] METHODS OF CHANGING POLYOLEFIN PRODUCTION CONDITIONS TO MITIGATE SMALL GELS IN A POLYOLEFIN ARTICLE
[54] PROCEDE DE MODIFICATION DES CONDITIONS DE PRODUCTION D'UNE POLYOLEFINE POUR REDUIRE LES PETITS GELS DANS UN ARTICLE A BASE DE POLYOLEFINE
[72] SAVATSKY, BRUCE J., US
[72] FARLEY, JAMES M., US
[72] ZILKER, DANIEL P. JR., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-05-10
[86] 2015-11-24 (PCT/US2015/062402)
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[30] US (62/084,256) 2014-11-25

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[51] **Int.Cl. C08F 2/38 (2006.01) B01J 8/18 (2006.01) C08F 2/34 (2006.01)**
[25] EN
[54] **METHODS OF CHANGING POLYOLEFIN PRODUCTION RATE WITH THE COMPOSITION OF THE INDUCED CONDENSING AGENTS**
[54] **PROCEDES DE CHANGEMENT DU TAUX DE PRODUCTION DE POLYOLEFINE VIA LA COMPOSITION D'AGENTS DE CONDENSATION INDUITS**
[72] SAVATSKY, BRUCE J., US
[72] LOCKLEAR, BRANDON C., US
[72] PEQUENO, R. ERIC, US
[72] HARI, ABARAJITH S., US
[72] GLOWCZWSKI, DAVID M., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-05-10
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[87] (WO2016/086006)
[30] US (62/084,271) 2014-11-25

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[51] **Int.Cl. F16C 11/06 (2006.01) B62D 7/16 (2006.01)**
[25] EN
[54] **BALL JOINT ASSEMBLY**
[54] **ENSEMBLE JOINT A ROTULE**
[72] PARKER, GLEN C., US
[72] RAUCH, PETER J., US
[71] FEDERAL-MOGUL MOTORPARTS LLC, US
[85] 2017-05-10
[86] 2015-12-01 (PCT/US2015/063104)
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[51] **Int.Cl. C09K 5/14 (2006.01)**
[25] EN
[54] **STABILIZATION OF HEXAGONAL BORON NITRIDE NANOPARTICLES**
[54] **STABILISATION DE NANOPARTICULES DE NITRURE DE BORE HEXAGONALES**
[72] LIEVENS, SERGE, US
[72] RADOJCIC, VERA, US
[72] AGARWAL, SANDIP, US
[72] FUERSTSMAN, MICHAEL, US
[71] CHEVRON U.S.A. INC., US
[85] 2017-05-16
[86] 2015-12-14 (PCT/US2015/065605)
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[51] **Int.Cl. C22F 1/053 (2006.01)**
[25] EN
[54] **REDUCED AGING TIME OF 7XXX SERIES ALLOYS**
[54] **TEMPS DE VIEILLISSEMENT REDUIT D'ALLIAGE DE LA SERIE 7XXX**
[72] KAMAT, RAJEEV G., US
[72] MOUSAVI-ANIJDAN, HASHEM, US
[72] KULKARNI, RAHUL, US
[72] SALGADO-ORDORICA, MARIO A., CH
[71] NOVELIS INC., US
[85] 2017-05-10
[86] 2015-12-09 (PCT/US2015/064597)
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[30] US (62/089,288) 2014-12-09

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[51] **Int.Cl. B61D 23/02 (2006.01)**
[25] EN
[54] **A RAILWAY VEHICLE WITH A MOVABLE, VERTICAL GAP BRIDGING ENTRY THRESHOLD**
[54] **VEHICULE FERROVIAIRE A SEUIL D'ENTREE MOBILE ENJAMBANT UN ESPACE VERTICAL**
[72] DEMARQUILLY, FRANCIS, FR
[72] COMBEAU, ERIC, FR
[72] LE-BRETON, FREDERIC, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[85] 2017-05-11
[86] 2014-11-19 (PCT/IB2014/002907)
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[13] A1
[51] **Int.Cl. C09K 5/04 (2006.01) F25B 45/00 (2006.01)**
[25] EN
[54] **REFRIGERANT COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS REFRIGERANTES ET PROCEDES D'UTILISATION**
[72] KUJAK, STEPHEN, A., US
[72] SCHULTZ, KENNETH, J., US
[71] TRANE INTERNATIONAL INC., US
[85] 2017-05-11
[86] 2015-11-11 (PCT/IB2015/002276)
[87] (WO2016/075541)
[30] US (62/078,251) 2014-11-11
[30] US (62/085,014) 2014-11-26
[30] US (62/085,019) 2014-11-26

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[51] **Int.Cl. H04W 4/04 (2009.01) B64D 11/00 (2006.01)**
[25] EN
[54] **IN-VEHICLE POSITION DETECTION AND CONFIGURATION OF VEHICLE COMPONENTS**
[54] **DETECTION DE POSITION DANS VEHICULE ET CONFIGURATION DE COMPOSANTS DE VEHICULE**
[72] MORIN, ALEXIS, CA
[72] KIRMOYAN, MARC, CA
[72] NOLEN, BRAD, CA
[71] BOMBARDIER INC., CA
[85] 2017-05-11
[86] 2015-11-09 (PCT/IB2015/058647)
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[30] US (62/079,718) 2014-11-14

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **FLEXIBLE GRAPHITE PACKER**
[54] **PACKER EN GRAPHITE FLEXIBLE**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-05-11
[86] 2015-10-22 (PCT/US2015/056875)
[87] (WO2016/085593)
[30] US (14/553,421) 2014-11-25

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[51] **Int.Cl. F16J 15/34 (2006.01) F16J 15/16 (2006.01) F16J 15/30 (2006.01) F16J 15/32 (2016.01)**
[25] EN
[54] **SELF-LUBRICATING FLEXIBLE CARBON COMPOSITE SEAL**
[54] **JOINT D'ETANCHEITE AUTOLUBRIFIANT EN COMPOSITE DE CARBONE SOUPLE**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-05-11
[86] 2015-10-22 (PCT/US2015/056877)
[87] (WO2016/085594)
[30] US (14/553,441) 2014-11-25

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PREVENTING OR TREATING DISEASES, CONDITIONS, OR PROCESSES CHARACTERIZED BY ABERRANT FIBROBLAST PROLIFERATION AND EXTRACELLULAR MATRIX DEPOSITION**
[54] **COMPOSITIONS ET PROCEDES POUR PREVENIR OU TRAITER DES MALADIES, AFFECTIONS OU PROCESSUS CARACTERISES PAR UNE PROLIFERATION ABERRANTE DES FIBROBLASTES ET UN DEPOT DE MATRICE EXTRACELLULAIRE**
[72] LANDER, CYNTHIA, US
[72] BROPHY, COLLEEN, US
[71] MOERAE MATRIX, INC., US
[85] 2017-05-16
[86] 2015-11-17 (PCT/US2015/061118)
[87] (WO2016/081475)
[30] US (62/080,784) 2014-11-17
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[51] **Int.Cl. C04B 28/14 (2006.01) C04B 16/02 (2006.01) C04B 24/26 (2006.01) C04B 24/38 (2006.01) E04C 2/04 (2006.01) E04C 2/10 (2006.01) E04C 2/26 (2006.01)**
[25] EN
[54] **CONSTRUCTION PANEL HAVING IMPROVED FIXING STRENGTH**
[54] **PANNEAU DE CONSTRUCTION POSSEDANT UNE MEILLEURE RESISTANCE DE FIXATION**
[72] BROOKS, LAURA, GB
[72] JUPP, NICOLA, GB
[72] SPARKES, JOANNA, GB
[72] RICHARDSON, ADAM, GB
[72] JONES, NICOLAS, GB
[72] RIDEOUT, JAN, GB
[72] HUMPHREY, KEITH, GB
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2017-03-17
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[30] GB (1420678.3) 2014-11-20

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[13] A1
[51] **Int.Cl. B60R 15/04 (2006.01) E03F 1/00 (2006.01) E03F 5/10 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR DRAINING, CLEANING AND SANITIZING OF PORTABLE TOILET SEWAGE HOLDING TANKS USED IN RECREATIONAL VEHICLES SUCH AS CAMPERS, CARAVANS, MOTORHOMES AND BOATS**
[54] **SYSTEME AUTOMATISE DE DRAINAGE, NETTOYAGE ET ASSAINISSEMENT DE RESERVOIRS PORTABLES DE RETENUE D'EAUX USEES UTILISES DANS DES VEHICULES DE LOISIR TELS QUE DES AUTOCARAVANES, DES CARAVANES, DES CAMPING-CARS ET DES BATEAUX**
[72] NITTI, SERGIO, IT
[71] NITTI, SERGIO, IT
[85] 2017-05-05
[86] 2015-11-06 (PCT/IT2015/000270)
[87] (WO2016/071940)
[30] IT (RM2014A000648) 2014-11-06

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[13] A1
[51] **Int.Cl. C09K 11/61 (2006.01) H01L 33/50 (2010.01)**
[25] EN
[54] **COLOR STABLE RED-EMITTING PHOSPHORS**
[54] **PHOSPHORES EMETTANT DANS LE ROUGE DE COULEUR STABLE**
[72] MURPHY, JAMES EDWARD, US
[72] GARCIA, FLORENCIO, US
[72] CHOWDHURY, ASHFAQUL ISLAM, US
[72] SISTA, SRINIVAS PRASAD, US
[72] SETLUR, ANANT ACHYUT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-05-11
[86] 2015-11-16 (PCT/US2015/060806)
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[30] US (14/549,847) 2014-11-21

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[51] **Int.Cl. C02F 5/10 (2006.01) C02F 1/00 (2006.01) C02F 5/00 (2006.01) G01N 31/22 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **METHODS OF DECREASING SCALE IN AQUEOUS SYSTEMS**
[54] **PROCEDE DE REDUCTION DE TARTRE DANS DES SYSTEMES AQUEUX**
[72] FELIPE, MARY JANE, US
[72] SANDU, CORINA, US
[72] FULMER, DAVID N., US
[72] GUO, BING BING, US
[71] BAKERS HUGHES INCORPORATED, US
[85] 2017-05-11
[86] 2015-11-20 (PCT/US2015/061911)
[87] (WO2016/085819)
[30] US (14/553,113) 2014-11-25

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[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) B01J 13/02 (2006.01)**
[25] EN
[54] **BENEFIT AGENT DELIVERY COMPOSITIONS**
[54] **COMPOSITIONS D'APPORT D'AGENT BENEFIQUE**
[72] HAYWARD, ADAM SIMON, GB
[72] SMETS, JOHAN, BE
[72] LANT, NEIL JOSEPH, GB
[72] CARDOSO, MARIANA B., GB
[72] MIRACLE, GREGORY SCOT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-05-11
[86] 2015-11-17 (PCT/US2015/061045)
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[51] **Int.Cl. C08F 2/38 (2006.01) B01J 8/18 (2006.01) C08F 2/34 (2006.01)**
[25] EN
[54] **METHODS OF CONTROLLING POLYOLEFIN MELT INDEX**
[54] **PROCEDES DE COMMANDE DE L'INDICE DE FLUIDITE DE LA POLYOLEFINE**
[72] SAVATSKY, BRUCE J., US
[72] MURUGANANDAM, NATARAJAN, US
[72] LYNN, TIMOTHY R., US
[72] FARLEY, JAMES M., US
[72] ZILKER, DANIEL P., JR., US
[72] HUSSEIN, FATHI DAVID, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-05-11
[86] 2015-11-24 (PCT/US2015/062505)
[87] (WO2016/086039)
[30] US (62/084,280) 2014-11-25

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[13] A1
[51] **Int.CL B60L 11/18 (2006.01)**
[25] FR
[54] **METHOD FOR RECHARGING ENERGY ACCUMULATION MEANS FITTED TO AN ELECTRIC OR HYBRID VEHICLE**
[54] **PROCEDE DE RECHARGE DE MOYENS D'ACCUMULATION D'ENERGIE EQUIPANT UN VEHICULE ELECTRIQUE OU HYBRIDE**
[72] DUMAS, PIERRE, FR
[72] VERDIER, LAURENT, FR
[71] LOHR ELECTROMECANIQUE, FR
[85] 2017-05-12
[86] 2015-11-17 (PCT/FR2015/053099)
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[30] FR (1461089) 2014-11-17

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[13] A1
[51] **Int.CL E21B 31/18 (2006.01)**
[25] EN
[54] **RETRIEVABLE RE-CONNECTING DEVICE WITH INTERNAL SEAL AND SLIPS FOR CONNECTING TO THE TOP OF AN EXISTING TUBING IN A WELL BORE**
[54] **DISPOSITIF DE RACCORDEMENT RECUPERABLE AYANT UN JOINT D'ETANCHEITE INTERNE ET DES COINS DE RETENUE POUR LE RACCORDEMENT A LA PARTIE SUPERIEURE D'UN TUBAGE EXISTANT DANS UN PUITS DE FORAGE**
[72] BARTON, LEN, AT
[72] JOHANSSON, MATS, SE
[72] LOVIKNES, BORRE, NO
[71] VANGUARD OIL TOOLS & SERVICES LLC, OM
[85] 2017-05-12
[86] 2015-11-17 (PCT/IB2015/058870)
[87] (WO2016/079664)
[30] SE (1451380-8) 2014-11-17

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[13] A1
[51] **Int.CL A47J 43/12 (2006.01) A23L 5/00 (2016.01) A23P 30/40 (2016.01) A23L 2/54 (2006.01) A47J 31/44 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **DEVICE FOR PROCESSING LIQUIDS THROUGH STEAM**
[54] **DISPOSITIF DE TRAITEMENT DE LIQUIDES PAR LE BIAIS DE VAPEUR**
[72] ADRIAENS, JAN, BE
[71] SCHUILENBURG NV, BE
[85] 2017-05-12
[86] 2015-11-17 (PCT/IB2015/058899)
[87] (WO2016/079680)
[30] BE (2014/5074) 2014-11-19

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[13] A1
[51] **Int.CL C09D 7/14 (2006.01) C09D 5/00 (2006.01) C09K 3/18 (2006.01)**
[25] EN
[54] **WEATHER-RESISTANT, FUNGAL-RESISTANT, AND STAIN-RESISTANT COATINGS AND METHODS OF APPLYING ON WOOD, MASONRY, OR OTHER POROUS MATERIALS**
[54] **REVETEMENTS RESISTANT AUX INTEMPERIES, AUX CHAMPIGNONS ET AUX TACHES ET PROCEDES D'APPLICATION SUR BOIS, MACONNERIE OU AUTRES MATERIAUX POREUX**
[72] CURRAN, SEAMUS, US
[72] LIAO, KANG-SHYANG, US
[72] ALLEY, NIGEL, US
[72] HALDAR, AMRITA, US
[72] WANG, ALEXANDER, US
[71] UNIVERSITY OF HOUSTON SYSTEM, US
[85] 2017-05-11
[86] 2015-11-12 (PCT/US2015/060361)
[87] (WO2016/077573)
[30] US (62/078,655) 2014-11-12
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[13] A1
[51] **Int.Cl. B28D 1/12 (2006.01) B23D 65/00 (2006.01) B28D 1/04 (2006.01)**
[25] EN
[54] **CONCRETE/MASONRY CUTTING DEVICE WITH FAST-START DESIGN AND INTERLOCKING REINFORCEMENT**
[54] **DISPOSITIF DE COUPAGE DE BETON/MACONNERIE DOTE D'UNE CONCEPTION DE DEMARRAGE RAPIDE ET D'UN RENFORT IMBRIQUE**
[72] FLEETWOOD, JON, US
[72] SIVA, JOHN, US
[71] HUSQVARNA AB, SE
[85] 2017-05-12
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[25] EN
[54] **CONTROLLED PRESSURE DRILLING SYSTEM WITH FLOW MEASUREMENT AND WELL CONTROL**
[54] **SYSTEME DE FORAGE A PRESSION COMMANDEE A MESURE D'ECOULEMENT ET COMMANDE DE PUITS**
[72] DILLARD, WALTER S., US
[72] NORTHAM, PAUL R., US
[72] VIERAITIS, DAVID J., US
[72] GEORGE, GERALD G., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
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[54] **METHODS AND APPARATUSES FOR HAPTIC SYSTEMS**
[54] **PROCEDES ET APPAREILS POUR SYSTEMES HAPTIQUES**
[72] MONTI, KYLE, US
[71] HAPTECH, INC., US
[85] 2017-05-12
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[25] EN
[54] **METHODS OF CONTINUOUSLY CASTING NEW 6XXX ALUMINUM ALLOYS, AND PRODUCTS MADE FROM THE SAME**
[54] **PROCEDES DE COULEE CONTINUE DE NOUVEAUX ALLIAGES D'ALUMINIUM 6XXX ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI**
[72] HOSCH, TIMOTHY A., US
[72] NEWMAN, JOHN M., US
[72] TOMES, DAVID ALLEN, JR., US
[71] ARCONIC INC., US
[85] 2017-05-12
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[25] EN
[54] **AERIAL CABLEWAY SYSTEM**
[54] **TELEPHERIQUE**
[72] NATTER, ANDREAS, AT
[72] BENZER, MARIO, AT
[71] INNOVA PATENT GMBH, AT
[85] 2017-05-15
[86] 2015-11-19 (PCT/AT2015/000146)
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[30] AT (A 841/2014) 2014-11-20

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[51] **Int.Cl. C08L 27/18 (2006.01) B29C 55/00 (2006.01) B32B 27/30 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **DENSE ARTICLES FORMED FROM TETRAFLUOROETHYLENE CORE SHELL COPOLYMERS AND METHODS OF MAKING THE SAME**
[54] **OBJETS DENSES FORMES A PARTIR DE COPOLYMERES A NOYAU ET ENVELOPPE DE TETRAFLUOROETHYLENE ET LEURS PROCEDES DE FABRICATION**
[72] FORD, LAWRENCE A., DE
[72] KENNEDY, MICHAEL E., US
[72] RAN, SHAOFENG, US
[72] SAYLER, TODD S., US
[72] SHAFER, GREGORY J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[71] W.L. GORE & ASSOCIATES GMBH, DE
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[86] 2015-12-03 (PCT/US2015/063603)
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[25] EN
[54] **DENSE ARTICLES FORMED FROM TETRAFLUOROETHYLENE CORE SHELL COPOLYMERS AND METHODS OF MAKING THE SAME**
[54] **ARTICLES DENSES FORMES A PARTIR DE COPOLYMERES DE TETRAFLUROETHYLENE TYPE COEUR-ECORCE ET LEURS PROCEDES DE FABRICATION**
[72] FORD, LAWRENCE A., DE
[72] KENNEDY, MICHAEL E., US
[72] RAN, SHAOFENG, US
[72] SAYLER, TODD S., US
[72] SHAFER, GREGORY J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[71] W.L. GORE & ASSOCIATES GMBH, DE
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[25] EN
[54] **TREATING SEIZURE WITH RECOMBINANT ALKALINE PHOSPHATASE**
[54] **TRAITEMENT DE CRISE AVEC UNE PHOSPHATASE ALCALINE RECOMBINEE**
[72] MAROZSAN, ANDRE, US
[72] DEVORE, DENISE, US
[72] LIU-CHEN, SUSAN, US
[71] ALEXION PHARMACEUTICALS, INC., US
[85] 2017-05-12
[86] 2015-12-04 (PCT/US2015/064003)
[87] (WO2016/090251)
[30] US (62/088,025) 2014-12-05
[30] US (62/259,307) 2015-11-24

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[25] EN
[54] **HOT MELT ADHESIVE COMPOSITION FOR BONDING PACKS OF PLASTIC CONTAINERS**
[54] **COMPOSITION ADHESIVE THERMOFUSIBLE SERVANT A RELIER DES PAQUETS DE RECIPIENTS EN PLASTIQUE**
[72] JUERS, STEFAN, DE
[72] AXER, VERA, DE
[72] HOLTIN, ULRICH, DE
[71] H.B. FULLER COMPANY, US
[85] 2017-05-12
[86] 2015-12-17 (PCT/US2015/066479)
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01) A61F 2/04 (2013.01)**
[25] EN
[54] **PROSTHETIC VALVES WITH MECHANICALLY COUPLED LEAFLETS**
[54] **VALVULES PROTHETIQUES A LAMES VALVULAIRES ACCOUPLEES MECANIQUEMENT**
[72] DIENNO, DUSTIN V., US
[72] DUNHAM, MICHAEL G., US
[72] HARTMAN, CODY L., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2017-05-12
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[13] A1
[51] **Int.Cl. A61K 35/64 (2015.01) A61P 31/04 (2006.01)**
[25] EN
[54] **IMMUNITY GENERATION**
[54] **GENERATION D'IMMUNITE**
[72] LEONARD, CHRISTOPHER JEREMY, GB
[71] IMMUNE MACRO-BIOTIC TECHNOLOGY UK LIMITED, GB
[85] 2017-05-15
[86] 2015-11-19 (PCT/GB2015/000302)
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[25] EN
[54] **DOUBLE-COIL CONDENSING HEAT EXCHANGER FOR HEATING AND/OR DOMESTIC HOT WATER**
[54] **ECHANGEUR DE CHALEUR A CONDENSATION A DOUBLE BOBINE POUR CHAUFFAGE ET ET/OU EAU CHAUDE DOMESTIQUE**
[72] DE NARDIS, MARCO, IT
[71] FONTECAL S.P.A., IT
[85] 2017-05-15
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[25] EN
[54] **COMPOSITE PANEL AND METHOD FOR MAKING COMPOSITE PANEL**
[54] **PANNEAU COMPOSITE ET PROCEDE DE FABRICATION DE PANNEAU COMPOSITE**
[72] MACKELVIE, WINSTON, CA
[71] R.A. INVESTMENT MANAGEMENT S.A.R.L., LU
[85] 2017-05-15
[86] 2015-12-11 (PCT/IB2015/059561)
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[25] FR
[54] **ORGANIC LITHIUM BATTERY**
[54] **BATTERIE LITHIUM ORGANIQUE**
[72] LECUYER, MARGAUD, FR
[72] DESCHAMPS, MARC, FR
[72] GAUBICHER, JOEL, FR
[72] POIZOT, PHILIPPE, FR
[72] GUYOMARD, DOMINIQUE, FR
[72] LESTRIEZ, BERNARD, FR
[71] UNIVERSITE DE NANTES, FR
[71] BLUE SOLUTIONS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2017-05-15
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[51] **Int.Cl. B60S 3/00 (2006.01) B61K 13/00 (2006.01)**
[25] EN
[54] **DEVICE FOR AUTOMATIC DISPENSING OF AN ANTI-ICING AGENT OR A DE-ICING AGENT ON RAILWAY VEHICLES**
[54] **DISPOSITIF DE DISTRIBUTION AUTOMATIQUE D'UN AGENT D'ANTIGIVRAGE OU D'UN AGENT DE DEGIVRAGE SUR DES VEHICULES DE CHEMIN DE FER**
[72] MICHELSEN, CLIVE, SE
[71] SOLLIQ AB, SE
[85] 2017-05-15
[86] 2015-11-13 (PCT/SE2015/051216)
[87] (WO2016/076789)
[30] SE (1451367-5) 2014-11-14

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[51] **Int.Cl. C09K 8/516 (2006.01) E21B 33/138 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **WELL TREATMENT**
[54] **TRAITEMENT DE PUITS**
[72] USOVA, ZINAIDA YURIEVNA, RU
[72] ZHU, SHITONG S., US
[72] LECERF, BRUNO, US
[72] LADVA, HEMANT KUMAR JETHALAL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-05-15
[86] 2015-11-10 (PCT/US2015/059964)
[87] (WO2016/077354)
[30] US (62/079,970) 2014-11-14

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[51] **Int.Cl. A01H 5/00 (2006.01) A01H 13/00 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/09 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS FOR CONFERRING OR ENHANCING HERBICIDE RESISTANCE ON PLANTS AND/OR ALGA WITH PROTOPORPHYRINOGEN OXIDASE VARIANTS**
[54] **PROCEDES POUR CONFERER OU AMELIORER LA RESISTANCE AUX HERBICIDES DE PLANTES ET/OU D'ALGUES AVEC DES VARIANTS DE PROTOPORPHYRINOGENE OXYDASE**
[72] SUNG, SOON-KEE, KR
[72] YOON, JOONSEON, KR
[72] HAN, YUNJUNG, KR
[71] FARMHANNONG CO., LTD., KR
[85] 2017-05-15
[86] 2015-12-16 (PCT/KR2015/013812)
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[51] **Int.Cl. C09K 8/516 (2006.01) E21B 33/13 (2006.01) E21B 33/138 (2006.01)**
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[54] **WELL TREATMENT**
[54] **TRAITEMENT DE PUITS**
[72] USOVA, ZINAIDA YURIEVNA, RU
[72] ZHU, SHITONG S., US
[72] LECERF, BRUNO, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-05-15
[86] 2015-11-10 (PCT/US2015/059971)
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[30] US (62/080,002) 2014-11-14

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[25] EN
[54] **CATALYTIC BURNER ARRANGEMENT**
[54] **CONFIGURATION DE BRULEUR CATALYTIQUE**
[72] EKDUNGE, PER, SE
[72] GHIRELLI, FEDERICO, SE
[72] TOFTEFORS, IDA, SE
[71] POWERCELL SWEDEN AB, SE
[85] 2017-05-15
[86] 2015-12-02 (PCT/SE2015/051303)
[87] (WO2016/089296)
[30] SE (1451477-2) 2014-12-04

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[51] **Int.Cl. F23C 13/00 (2006.01) H01M 8/0612 (2016.01) C01B 3/34 (2006.01) F22B 1/18 (2006.01) F23D 14/02 (2006.01) F23D 14/62 (2006.01)**
[25] EN
[54] **CATALYTIC BURNER ARRANGEMENT**
[54] **CONFIGURATION DE BRULEUR CATALYTIQUE**
[72] EKDUNGE, PER, SE
[72] GHIRELLI, FEDERICO, SE
[72] TOFTEFORS, IDA, SE
[71] POWERCELL SWEDEN AB, SE
[85] 2017-05-15
[86] 2015-12-02 (PCT/SE2015/051304)
[87] (WO2016/089297)
[30] SE (1451477-2) 2014-12-04

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[13] A1
[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/33 (2006.01) C12N 1/20 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **MEDIUM COMPOSITION FOR PREPARING BOTULINUM TOXIN**
[54] **COMPOSITION DE MILIEU POUR LA PREPARATION DE TOXINE BOTULINIQUE**
[72] KIM, KYOUNG-YUN, KR
[72] SUL, HYE-YOUNG, KR
[72] MIN, KYOUNG-MIN, KR
[71] DAEWOONG CO., LTD., KR
[85] 2017-05-16
[86] 2016-04-28 (PCT/KR2016/004430)
[87] (WO2016/175565)
[30] KR (10-2015-0059654) 2015-04-28

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[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/33 (2006.01) C12N 1/20 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **MEDIUM COMPOSITION FOR PREPARING BOTULINUM TOXIN**
[54] **COMPOSITION DE MILIEU POUR LA PREPARATION DE TOXINE BOTULINIQUE**
[72] KIM, KYOUNG-YUN, KR
[72] SUL, HYE-YOUNG, KR
[72] MIN, KYOUNG-MIN, KR
[71] DAEWOONG CO., LTD., KR
[85] 2017-05-16
[86] 2016-04-28 (PCT/KR2016/004431)
[87] (WO2016/175566)
[30] KR (10-2015-0059655) 2015-04-28

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[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/02 (2006.01)**
[25] EN
[54] **MEDIUM COMPOSITION FOR CULTURING STEM CELLS**
[54] **COMPOSITION DE MILIEU POUR LA CULTURE DE CELLULES SOUCHES**
[72] RA, JEONG CHAN, KR
[72] KANG, SUNG KEUN, KR
[72] KIM, SUNG-MIN, KR
[72] LEE, MI SOOK, KR
[72] LEE, JIN HWA, KR
[72] KWON, SOON AE, KR
[71] R BIO CO., LTD., KR
[85] 2017-05-16
[86] 2015-10-28 (PCT/KR2015/011424)
[87] (WO2016/068596)
[30] KR (10-2014-0148482) 2014-10-29
[30] KR (10-2014-0190671) 2014-12-26

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[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/33 (2006.01) C12N 1/20 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **MEDIUM COMPOSITION FOR PREPARING BOTULINUM TOXIN**
[54] **COMPOSITION DE MILIEU POUR LA PREPARATION DE TOXINE BOTULINIQUE**
[72] KIM, KYOUNG-YUN, KR
[72] SUL, HYE-YOUNG, KR
[72] MIN, KYOUNG-MIN, KR
[71] DAEWOONG CO., LTD., KR
[85] 2017-05-16
[86] 2016-04-28 (PCT/KR2016/004432)
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[30] KR (10-2015-0059656) 2015-04-28

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **VALVE LOCKING MECHANISM**
[54] **MECANISME DE VERROUILLAGE DE VALVULE**
[72] BUCKUS, ANDREW J.H., US
[72] NOE, SPENCER C., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2017-05-16
[86] 2015-11-20 (PCT/US2015/061954)
[87] (WO2016/081883)
[30] US (62/082,946) 2014-11-21
[30] US (14/944,872) 2015-11-18

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[51] **Int.Cl. E04G 3/24 (2006.01) E01D 19/10 (2006.01) E04G 1/15 (2006.01) E04G 13/06 (2006.01)**
[25] EN
[54] **SCAFFOLDING ARRANGEMENT**
[54] **AGENCEMENT D'ECHAFAUDAGE**
[72] SILTALA, TIMO, FI
[72] HYVONEN, ANTTI, FI
[71] FAST BEAM OY, FI
[85] 2017-05-18
[86] 2015-11-20 (PCT/FI2015/050810)
[87] (WO2016/079388)
[30] FI (PCT/FI2014/050893) 2014-11-21

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[51] **Int.Cl. A61K 31/198 (2006.01) A23K 20/142 (2016.01) A23L 33/175 (2016.01) A61K 31/194 (2006.01) A61K 31/7004 (2006.01) A61K 31/723 (2006.01) A61K 33/14 (2006.01) A61K 33/42 (2006.01) A61P 7/08 (2006.01)**
[25] EN
[54] **ORAL REHYDRATION COMPOSITION AND METHODS THEREOF**
[54] **COMPOSITION DE REHYDRATATION PAR VOIE ORALE ET PROCEDES ASSOCIES**
[72] ROSENBERG, ALON, IL
[72] MILSTEIN, ABRAHAM, IL
[72] MACKLE, ANTHONY, IE
[72] FIRTH, AVA MARIE, GB
[72] SCHWARTZ MONIQUE, MICHELE, US
[72] VAN DALSEM, SIMON, NL
[71] KALMARNA LIMITED, VG
[85] 2017-05-18
[86] 2015-11-11 (PCT/IB2015/058699)
[87] (WO2016/079640)
[30] US (62/081,588) 2014-11-19

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[51] **Int.Cl. G06F 9/44 (2006.01) H04W 4/00 (2009.01) G06F 9/54 (2006.01) G06F 15/16 (2006.01) H04L 12/00 (2006.01) H04L 12/40 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **APPLICATION PLATFORM OPERABLE ON NETWORK NODE**
[54] **PLATE-FORME D'APPLICATION POUVANT FONCTIONNER SUR UN N□UD DE RESEAU**
[72] STUBER, MICHAEL T. GARRISON, US
[72] BUFFINGTON, JOHN, US
[72] GILLMORE, MATTHEW KEITH, US
[71] ITRON, INC., US
[85] 2017-05-19
[86] 2015-11-18 (PCT/US2015/061390)
[87] (WO2016/081631)
[30] US (14/547,561) 2014-11-19

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/08 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **DEMAND PREDICTION FOR TIME-EXPIRING INVENTORY**
[54] **PREDICTION DE LA DEMANDE POUR UN STOCK LIMITE DANS LE TEMPS**
[72] IFRACH, BAR, US
[72] HOLTZ, DAVID MICHAEL, US
[72] YEE, YANGLI HECTOR, US
[72] ZHANG, LI, US
[71] AIRBNB, INC., US
[85] 2017-05-23
[86] 2015-11-25 (PCT/US2015/062771)
[87] (WO2016/086188)
[30] US (62/085,049) 2014-11-26
[30] US (62/112,567) 2015-02-05
[30] US (62/166,440) 2015-05-26

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[13] A1
[51] **Int.Cl. H01L 39/22 (2006.01) G06N 99/00 (2010.01) G05F 3/08 (2006.01)**
[25] EN
[54] **JOSEPHSON CURRENT SOURCE SYSTEMS AND METHOD**
[54] **SYSTEMES ET PROCEDE DE SOURCE DE COURANT JOSEPHSON**
[72] NAAMAN, OFER, US
[72] HERR, QUENTIN P., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2017-05-24
[86] 2015-11-12 (PCT/US2015/060303)
[87] (WO2016/094020)
[30] US (14/564,962) 2014-12-09

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[13] A1
[51] **Int.Cl. G11B 27/00 (2006.01)**
[25] EN
[54] **FILLER DETECTION DURING TRICKPLAY**
[54] **DETECTION DE REMPLISSAGE PENDANT UNE LECTURE SPECIALE**
[72] ACHARYA, BELMANNU HAREKRISHNA, IN
[72] SINGH, VIRENDRA, IN
[72] ARUNKUMAR, LAKSHMI, IN
[72] SOUNDARARAJAN, ARAVIND, IN
[72] SASTRY, SISTA SARADA, IN
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[54] **PROCESS FOR PREPARING CONCENTRATED FOAMING COMPOSITIONS SWEETENED WITH HONEY AND SUCH COMPOSITIONS**
[54] **PROCEDE POUR PREPARER DES COMPOSITIONS CONCENTREES MOUSSEUSES SUCREES AVEC DU MIEL ET COMPOSITIONS AINSI REALISEES**
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[71] PAGANO FLORES, SILVIA MARINA, ES
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[54] **FLEXIBLE SECURITY SYSTEM FOR CASH-IN-TRANSIT**
[54] **SYSTEME DE SECURITE FLEXIBLE POUR FONDS EN TRANSIT**
[72] TODD, ROBERT EDMUND, GB
[71] TODD, ROBERT EDMUND, GB
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[54] **METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT TO ASCERTAIN SUPPLY AND DEMAND ANALYTICS AND OUTPUTTING EVENTS BASED ON REAL-TIME DATA FOR PROXIMITY AND MOVEMENT OF INDIVIDUALS AND OBJECTS**
[54] **PROCEDE, APPAREIL ET PRODUIT-PROGRAMME INFORMATIQUE POUR L'ETABLISSEMENT D'ANALYSES D'OFFRES ET DE DEMANDES ET D'EVENEMENTS DE SORTIE FONDE SUR DES DONNEES EN TEMPS REEL CONCERNANT LA PROXIMITE ET LES MOUVEMENTS D'INDIVIDUS ET D'OBJETS**
[72] FEIN, MICHAEL, US
[72] BROWN, ANTHONY R., US
[72] HUFFMAN, JOHN, US
[72] GROM, ROBERT, US
[72] TORCHALSKI, KARL, US
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[54] **HUMAN-PROPELLABLE VEHICLE**
[54] **VEHICULE A PROPULSION HUMAINE**
[72] WILLIAMS, CALVIN JOHN LLEWELYN, GB
[72] DAVIES, PAUL HOWARD, GB
[71] GOWER COLLEGE SWANSEA, GB
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[54] **SYSTEME DE CONTROLE D'ACCES ELECTRONIQUE AYANT RECOURS A DIFFERENTES PAIRES ALGORITHME/OPERANDE AYANT RESPECTIVEMENT UNE FONCTIONNALITE DIFFERENTE**
[72] KALOUS, SCOTT D., US
[71] MASTER LOCK COMPANY LLC, US
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[54] **MEDICAL GRASPING DEVICE**
[54] **DISPOSITIF DE PREHENSION MEDICAL**
[72] MOTTOLA, JIM, US
[72] SUTCLIFFE, PETER, US
[72] FERGUSON, F. MARK, US
[72] SHIRLEY, NATE, US
[72] JENKINS, RICHARD P., US
[72] CINDRICH, CHRISTOPHER, US
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[54] **CATHETER ORIENTABLE A FIL DE TRACTION**
[72] TRAN, TRI D., US
[72] CHOW, SEAN, US
[72] CAYABYAB, RONALDO C., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[25] EN
[54] **COMPUTER READABLE STORAGE MEDIA FOR DYNAMIC SERVICE DEPLOYMENT AND METHODS AND SYSTEMS FOR UTILIZING SAME**
[54] **SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR POUR LE DEPLOIEMENT DE SERVICE DYNAMIQUE ET PROCEDES ET SYSTEMES D'UTILISATION DE CELUI-CI**
[72] KATIEB, RALPH, US
[71] DOCUMENT STORAGE SYSTEMS, INC., US
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[54] **ORAL MUSCLE TRAINING**
[54] **ENTRAINEMENT MUSCULAIRE ORAL**
[72] SAMA, ANSHUL, GB
[71] SNOOZEAL LIMITED, GB
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[54] **PROCEDE DE CONFIGURATION RAPIDE D'UNE IMPRIMANTE RFID**
[72] DUCKETT, JEANNE F., US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
[85] 2017-05-31
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[54] **DOSE PREPARATION DATA ANALYTICS**
[54] **ANALYSE DE DONNEES DE PREPARATION DE DOSE**
[72] BOSSIO, ROBERT JOSEPH, US
[72] PADMANI, BHAVESH S., US
[72] VALENTINE, MATTHEW A., US
[71] BAXTER CORPORATION ENGLEWOOD, US
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[54] **ASSET HEALTH SCORES AND USES THEREOF**
[54] **SCORES DE SANTE D'ACTIF ET LEURS UTILISATIONS**
[72] CIASULLI, JOHN, US
[72] HORRELL, MICHAEL, US
[72] ZHONG, SHENG, US
[72] KOLB, JASON, US
[72] MCELHINNEY, ADAM, US
[72] SILVA, BRIAN, US
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[54] **SYSTEME ET PROCEDE POUR PERMETTRE UNE AUTHENTIFICATION SECURISEE**
[72] QUIRKE, DAN, GB
[72] BOND, MIKE, GB
[72] LANDROCK, PETER, GB
[71] CRYPTOMATHIC LTD, GB
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[54] **METHOD IMPLEMENTED IN AN IDENTITY DOCUMENT AND ASSOCIATED IDENTITY DOCUMENT**
[54] **PROCEDE MIS EN OEUVRE DANS UN DOCUMENT D'IDENTITE ET DOCUMENT D'IDENTITE ASSOCIE**
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[72] SOURDRILLE, ARNAUD, FR
[71] OBERTHUR TECHNOLOGIES, FR
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[54] **OUTIL D'ATTAQUE DU SOL**
[72] KUNZ, PHILLIP JOHN, US
[71] CATERPILLAR INC., US
[85] 2017-06-01
[86] 2015-11-24 (PCT/US2015/062384)
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[25] EN
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[54] **STRUCTURE SUPPORT DE POITRINE**
[72] WEST, LAURA CATHERINE, US
[72] BERMAN, SOPHIA BETH, US
[72] GOLDMAN, GABRIEL, US
[72] ULM, BRITTA KATHLEEN, US
[72] GEER, KAYLA LOUISE, US
[72] BANERJEE, SUSAN YOUNG, US
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[25] EN
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[54] **EMBALLAGE POUR PRODUITS DE SOINS DE CONSOMMATEUR**
[72] ELLSWORTH, JUSTIN ALAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-02
[86] 2015-12-16 (PCT/US2015/066038)
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[54] **PACKAGE FOR CONSUMER CARE PRODUCTS**
[54] **CONDITIONNEMENT POUR PRODUITS DE SOINS DE CONSOMMATEUR**
[72] ELLSWORTH, JUSTIN ALAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **BROSSE A DENTS A DETECTION DE FORCE**
[72] DOLL, ALEXANDER, DE
[72] HUBERT, STEFAN, DE
[72] KIENER, FLORIAN, DE
[72] LUTZ, KARIN, DE
[72] SCHUETZ, ROBERT, DE
[71] THE GILLETTE COMPANY LLC, US
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[54] **APPAREIL TENU A LA MAIN, TEL QU'UN SECHE-CHEVEUX**
[72] DOUGLAS, CRAIG, GB
[72] HEDGES, CHRISTOPHER WILLIAM, GB
[72] ATKINSON, ANTOINE FRANCOIS, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-06-05
[86] 2015-11-24 (PCT/GB2015/053576)
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[30] GB (1422356.4) 2014-12-16

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[51] **Int.Cl. A23L 29/225 (2016.01) A23L 23/10 (2016.01)**
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[54] **GRANULAR FOOD COMPOSITION COMPRISING GAS**
[54] **COMPOSITION ALIMENTAIRE GRANULEUSE CONTENANT DU GAZ**
[72] EWALD, RON KAI JURGEN, DE
[72] GRUN, CHRISTIAN HUGO, NL
[72] MUTSCH, HOLGER JULIUS, DE
[72] RUPP, WINFRIED, DE
[71] UNILEVER PLC, GB
[85] 2017-06-05
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[25] EN
[54] **ACUPRESSURE WALKING MACHINE APPLYING PRESSURE TO FOOT REFLEX ZONES**
[54] **MACHINE DE MARCHE D'ACUPRESSURE APPLIQUANT UNE PRESSION SUR DES ZONES DE REFLEXE DE PIED**
[72] SHIN, HYUN-OH, KR
[71] SHIN, HYUN-OH, KR
[85] 2017-06-05
[86] 2015-12-08 (PCT/KR2015/013354)
[87] (WO2016/093583)
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF SOLID SACCHARIDES FROM AN AQUEOUS SACCHARIDE SOLUTION**
[54] **PROCEDE DE PRODUCTION DE SACCHARIDES SOLIDES A PARTIR D'UNE SOLUTION AQUEUSE DE SACCHARIDES**
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[72] MCKAY, BENJAMIN, NL
[71] AVANTIUM KNOWLEDGE CENTRE B.V., NL
[85] 2017-06-06
[86] 2015-12-18 (PCT/NL2015/050880)
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[30] NL (2014007) 2014-12-18

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[25] EN
[54] **TEMPERATURE MEASUREMENT IN SWITCHGEAR STATIONS**
[54] **MESURE DE TEMPERATURE DANS DES POSTES D'APPAREILLAGE ELECTRIQUE**
[72] STELLA, EROS, IT
[72] RAYON, JEAN-LUC, FR
[72] GIRLANDO, VINCENZO, IT
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2017-06-07
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[25] FR
[54] **INSULATING WINDOW UNIT**
[54] **BAIE VITREE ISOLANTE**
[72] BOUCHER, NICOLAS, BE
[72] BOUESNARD, OLIVIER, BE
[72] CLOSSET, FRANCOIS, BE
[72] SCHNEIDER, PIERRE, FR
[71] AGC GLASS EUROPE, BE
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[51] **Int.Cl. C23C 24/08 (2006.01) H01M 4/04 (2006.01)**
[25] FR
[54] **METHOD FOR THE WET DEPOSITION OF THIN FILMS**
[54] **PROCEDE POUR LE DEPOT DE FILMS MINCES PAR VOIE HUMIDE**
[72] PAEZ, CARLOS, BE
[72] LIQUET, DIMITRI, BE
[72] CALBERG, CEDRIC, BE
[72] HEINRICHS, BENOIT, BE
[72] ALIE, CHRISTELLE, BE
[71] PRAYON, BE
[71] UNIVERSITE DE LIEGE, BE
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[25] EN
[54] **HAIR REMOVER**
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[72] SATO, GANJI, JP
[71] SATO, GANJI, JP
[85] 2017-06-07
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[25] EN
[54] **ROTATING CHUCK WITH COOLANT GROOVE ARRANGEMENT**
[54] **MANDRIN ROTATIF EQUIPE D'UN ENSEMBLE A RAINURES POUR AGENT DE REFROIDISSEMENT**
[72] GUY, HANOCH, IL
[71] ISCAR LTD., IL
[85] 2017-06-08
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[51] **Int.Cl. A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF A 6-OXO-1,6-DIHYDRO-PYRIDAZINE DERIVATIVE HAVING ANTI-CANCER ACTIVITY WITH AN EGFR INHIBITOR**
[54] **ASSOCIATION D'UN DERIVE DE 6-OXO-1,6-DIHYDRO-PYRIDAZINE AYANT UNE ACTIVITE ANTICANCEREUSE AVEC UN INHIBITEUR DE L'EGFR**
[72] BLADT, FRIEDHELM, DE
[72] FRIESE-HAMIM, MANJA, DE
[71] MERCK PATENT GMBH, DE
[85] 2017-06-09
[86] 2015-11-12 (PCT/EP2015/002265)
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[30] EP (14004200.3) 2014-12-12

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[25] EN
[54] **LAYERED STRUCTURE WITH COPPER PASSIVATOR**
[54] **STRUCTURE STRATIFIEE COMPRENANT UN PASSIVATEUR DE CUIVRE**
[72] FAGRELL, OLA, SE
[72] DAHLEN, KRISTIAN, SE
[72] HELLSTROM, STEFAN, SE
[71] BOREALIS AG, AT
[85] 2017-06-07
[86] 2015-11-25 (PCT/EP2015/077671)
[87] (WO2016/096354)
[30] EP (14197899.9) 2014-12-15

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[13] A1
[51] **Int.Cl. A23L 35/00 (2016.01)**
[25] EN
[54] **METHOD FOR PREPARING AND PACKAGING A READY-MADE DISH, AND CORRESPONDING READY-MADE DISH**
[54] **PLAT CUISINE ET SON PROCEDE DE PREPARATION ET DE CONDITIONNEMENT**
[72] ORIERE, STEPHANE, FR
[71] COMPAGNIE GENERALE DE CONSERVE, FR
[85] 2017-06-07
[86] 2015-12-21 (PCT/EP2015/080868)
[87] (WO2016/116239)
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[13] A1
[51] **Int.Cl. A61K 31/395 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF A 6-OXO-1,6-DIHYDRO-PYRIDAZINE DERIVATIVE HAVING ANTI-CANCER ACTIVITY WITH A QUINAZOLINE DERIVATIVE**
[54] **ASSOCIATION D'UN DERIVE DE 6-OXO-1,6-DIHYDRO-PYRIDAZINE AYANT UNE ACTIVITE ANTICANCEREUSE AVEC UN DERIVE DE QUINAZOLINE**
[72] BLADT, FRIEDHELM, DE
[72] FRIESE-HAMIM, MANJA, DE
[71] MERCK PATENT GMBH, DE
[85] 2017-06-09
[86] 2015-11-12 (PCT/EP2015/002266)
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[30] EP (14004186.4) 2014-12-11

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[13] A1
[51] **Int.Cl. C01C 1/04 (2006.01) C01B 3/02 (2006.01) F25J 3/02 (2006.01)**
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[54] **PLANT AND PROCESS FOR AMMONIA PRODUCTION WITH CRYOGENIC PURIFICATION, AND RELATED METHOD OF REVAMPING**
[54] **UNITE ET PROCEDE DE PRODUCTION D'AMMONIAC AVEC PURIFICATION CRYOGENIQUE ET PROCEDE DE REGENERATION ASSOCIE**
[72] FILIPPI, ERMANNO, CH
[72] OSTUNI, RAFFAELE, CH
[71] CASALE SA, CH
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[54] **ELEMENT DE SECURITE OPTIQUEMENT VARIABLE**
[72] FUHSE, CHRISTIAN, DE
[72] HEINE, ASTRID, DE
[72] IMHOF, MARTIN, DE
[72] KECK-ANGERER, ANGELIKA, DE
[72] DORFLER, WALTER, DE
[72] FRANZ, PETER, DE
[71] GIESECKE & DEVRIENT GMBH, DE
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[54] **HANDHELD DEVICE WITH A COUNTER AND COUNTER**
[54] **TOTALISEUR**
[72] VON SCHUCKMANN, ALFRED, DE
[71] VON SCHUCKMANN, ALFRED, DE
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[25] EN
[54] **PHOTOVOLTAIC ELECTRICAL STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION ELECTRIQUE PHOTOVOLTAIQUE**
[72] DOGUET, PASCAL, BE
[71] SYNERGIA MEDICAL, BE
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[54] **INHALING DEVICE WITH USER RECOGNITION BASED ON INHALATION BEHAVIOUR**
[54] **DISPOSITIF D'INHALATION A RECONNAISSANCE D'UTILISATEUR BASEE SUR UN COMPORTEMENT D'INHALATION**
[72] THORENS, MICHEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **METHOD FOR MANUFACTURING A CEMENTITIOUS COMPOSITION**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION CIMENTAIRE**
[72] ONG, FRANK SHAODE, US
[72] MUESSIG, STEFAN, DE
[72] GAMBATESA, DARREN, US
[72] SMITH, JAMES CURTIS, US
[72] PAPONETTI, RICHARD, US
[72] FARRINGTON, STEPHEN A., US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **METHOD AND APPARATUS FOR DETECTING, EVALUATING AND DISPLAYING MEASUREMENT VALUES OF MOTORS OF ELECTRIC DRIVES**
[54] **PROCEDE ET DISPOSITIF DE DETECTION, D'EVALUATION ET DE PRESENTATION DE VALEURS DE MESURE DE MOTEURS D'ENTRAINEMENTS ELECTRIQUES**
[72] NEUJAHR, GERD, DE
[71] DB NETZ AG, DE
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[25] EN
[54] **OPTIMISED PROCESS CONTROL IN THE ANTI-CORROSIVE METAL PRETREATMENT BASEDON FLUORIDE-CONTAINING BATHS**
[54] **CONDUITE DE TRAITEMENT OPTIMISEE POUR LE PRE-TRAITEMENT ANTI-CORROSION DU METAL SUR LA BASE DE BAINS RICHES EN FLUORURE**
[72] BROUWER, JAN-WILLEM, DE
[72] STROMBERG, CHRISTIAN, DE
[72] PILAREK, FRANK-OLIVER, DE
[72] KROMER, JENS, DE
[72] RESANO ARTALEJO, FERNANDO JOSE, DE
[72] HENZE, NATASCHA, DE
[71] HENKEL AG & CO. KGAA, DE
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[25] EN
[54] **METHOD FOR MANUFACTURING CEMENT CONTAINING EXPANDED POLYMERIC MICROSPHERES**
[54] **PROCEDE DE FABRICATION DE CIMENT CONTENANT DES MICROSPHERES POLYMERES EXPANSEES**
[72] ONG, FRANK SHAODE, US
[72] BURY, MARK A., US
[72] FARRINGTON, STEPHEN A., US
[72] MUESSIG, STEFAN, DE
[72] SMITH, JAMES CURTIS, US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[54] **METHOD FOR MANUFACTURING CEMENT**
[54] **PROCEDE DE FABRICATION DE CIMENT**
[72] ONG, FRANK SHAODE, US
[72] HIDALGO, JULISSA, US
[72] SMITH, JAMES C., US
[72] MUESSIG, STEFAN, DE
[72] SEILER, PAUL, US
[72] BURY, MARK A., US
[72] VICKERS, THOMAS M., JR., US
[72] VIOLETTA, BRADLEY K., US
[72] SCHLAGBAUM, ANTHONY A., US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[25] EN
[54] **METHOD OF CONTINUOUSLY HEAT-TREATING 7000-SERIES ALUMINIUM ALLOY SHEET MATERIAL**
[54] **PROCEDE CONTINU DE TRAITEMENT THERMIQUE D'UN MATERIAU EN FEUILLE D'ALLIAGE D'ALUMINIUM DE LA SERIE 7000**
[72] MEYER, PHILIPPE, DE
[72] KHOSLA, SUNIL, NL
[71] ALERIS ALUMINUM DUFFEL BVBA, BE
[85] 2017-06-09
[86] 2015-11-19 (PCT/EP2015/077050)
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[51] **Int.Cl. G01V 1/18 (2006.01) H01L 41/18 (2006.01)**
[25] FR
[54] **HYDROPHONE PIEZOELECTRIQUE A PERFORATIONS, ANTENNE COMPRENANT UNE PLURALITE D'HYDROPHONES ET PROCEDE DE REALISATION DE L'HYDROPHONE**
[54] **PERFORATED PIEZOELECTRIC HYDROPHONE, ARRAY COMPRISING A PLURALITY OF HYDROPHONES AND METHOD FOR MAKING SAID HYDROPHONE**
[72] BERNARD, JULIEN, FR
[72] NAKACHE, MARYLINE, FR
[72] DECARLIS, ROBERT, FR
[72] THANNBERGER, ROGER, FR
[72] CAPLAIN, ANTOINE, FR
[72] BERTRAND, GUY, FR
[71] THALES, FR
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[25] EN
[54] **REACTOR FOR PRODUCING A PRODUCT GAS FROM A FUEL**
[54] **REACTEUR DE PRODUCTION D'UN GAZ PRODUIT A PARTIR D'UN COMBUSTIBLE**
[72] VREUGDENHIL, BEREND JOOST, NL
[72] VAN DER DRIFT, ABRAHAM, NL
[71] STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND, NL
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[25] EN
[54] **PROCESS AND APPARATUS FOR MAKING A MINERAL MELT**
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION D'UNE MASSE FONDUE DE MATIERE MINERALE**
[72] HANSEN, LARS ELMEKILDE, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2017-06-09
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[25] EN
[54] **SUGAR SURFACTANTS AND USE THEREOF IN AGROCHEMICAL COMPOSITIONS**
[54] **TENSIOACTIFS DE SUCRE ET LEUR UTILISATION DANS DES COMPOSITIONS AGROCHIMIQUES**
[72] KLUG, PETER, DE
[72] SCHERL, FRANZ-XAVER, DE
[72] NUNES, GEORGE ITALO PITOMBEIRA, CH
[72] BAUR, PETER, DE
[72] ARNOLD, ROLAND, DE
[71] CLARIANT INTERNATIONAL LTD, CH
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[13] A1
[51] **Int.Cl. C07C 237/06 (2006.01) C07C 255/25 (2006.01)**
[25] EN
[54] **CRYSTALS OF ALANINE N-ACETIC ACID PRECURSORS, PROCESS TO PREPARE THEM AND THEIR USE**
[54] **CRISTAUX DE PRECURSEURS D'ACIDE ALANINE N-ACETIQUE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] BOUWMAN, ALBERTUS JACOBUS MARIA, NL
[72] JONGEN, HUBERTUS JOHANNES, NL
[72] DOPPEN, ROY GERARD, NL
[72] HEUS, MARTIN, NL
[72] SCHOMAKER, ELWIN, NL
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
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[51] **Int.Cl. B65B 3/04 (2006.01) B65B 39/00 (2006.01) B65B 39/12 (2006.01) B65B 43/52 (2006.01)**
[25] EN
[54] **METHOD FOR PACKAGING A HIGH TEXTURED DAIRY PRODUCT**
[54] **PROCEDE DE CONDITIONNEMENT D'UN PRODUIT LAITIER FORTEMENT TEXTURE**
[72] TEISSIER, PHILIPPE, FR
[72] FLABBI, PAOLA, ES
[72] DOMINGUEZ MORENO, MANUEL, ES
[71] DANONE S.A., ES
[71] COMPAGNIE GERVAIS DANONE, FR
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[25] EN
[54] **USING CELL-FREE DNA FRAGMENT SIZE TO DETERMINE COPY NUMBER VARIATIONS**
[54] **UTILISATION DE LA TAILLE DE FRAGMENTS D'ADN ACELLULAIRE POUR DETERMINER LES VARIATIONS DU NOMBRE DE COPIES**
[72] CHUDOVA, DARYA I., US
[72] BARBACIORU, CATALIN, US
[72] DUENWALD, SVEN, US
[72] COMSTOCK, DAVID A., US
[72] RAVA, RICHARD P., US
[71] VERINATA HEALTH, INC., US
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[54] **CARRIER BRAKE FOR PNEUMATIC TRANSPORT SYSTEM**
[54] **FREIN DE TRANSPORTEUR POUR SYSTEME DE TRANSPORT PNEUMATIQUE**
[72] PARISH, DAVID WARREN, US
[72] SERAFIN, DANIEL JOHN, US
[72] POPLAWSKY, RALPH CHARLES, US
[71] TRANSLOGIC CORPORATION, US
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[54] **METHOD AND SYSTEM TO VALIDATE GEOPOSITIONING BY SATELLITE**
[54] **PROCEDE ET SYSTEME DE VALIDATION DE GEOLOCALISATION PAR SATELLITE**
[72] REVOL, MARC, FR
[72] LAVIRON, PHILIPPE, FR
[71] THALES, FR
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[86] 2015-12-09 (PCT/EP2015/079114)
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[51] **Int.Cl. C01D 7/00 (2006.01) C01D 7/38 (2006.01) C01D 7/42 (2006.01)**
[25] EN
[54] **ALKALI METAL BICARBONATE PARTICLES WITH EXCEPTIONAL FLOWABILITY**
[54] **PARTICULES DE BICARBONATE DE METAL ALCALIN AYANT UNE FLUIDITE EXCEPTIONNELLE**
[72] SAVARY, DAVID JEAN LUCIEN, FR
[71] SOLVAY SA, BE
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[86] 2015-12-22 (PCT/EP2015/081031)
[87] (WO2016/102591)
[30] EP (14199912.8) 2014-12-22

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[13] A1
[51] **Int.Cl. G06F 9/45 (2006.01)**
[25] FR
[54] **METHOD OF ADJUSTING THE PRECISION OF A COMPUTER PROGRAM MANIPULATING AT LEAST ONE FLOATING POINT NUMBER**
[54] **PROCEDE D'AJUSTEMENT DE LA PRECISION D'UN PROGRAMME D'ORDINATEUR MANIPULANT AU MOINS UN NOMBRE A VIRGULE**
[72] IOUALALEN, ARNAULT, FR
[72] MARTEL, MATTHIEU, FR
[72] NORMAND, NICOLAS, FR
[71] IOUALALEN, ARNAULT, FR
[71] NORMAND, NICOLAS, FR
[71] UNIVERSITE DE PERPIGNAN VIA DOMITIA, FR
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[87] (WO2016/091826)
[30] FR (1462209) 2014-12-10

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[51] **Int.Cl. B66F 11/04 (2006.01) B60Q 1/32 (2006.01) B66F 17/00 (2006.01)**
[25] FR
[54] **AERIAL LIFT AND METHOD FOR IMPLEMENTING SAME**
[54] **NACELLE ELEVATRICE ET PROCEDE DE MISE EN OEUVRE**
[72] LUMINET, PHILIPPE, FR
[72] DITTUS, SEBASTIAN, FR
[71] HAULOTTE GROUP, FR
[85] 2017-06-09
[86] 2015-12-18 (PCT/EP2015/080648)
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[30] FR (1462803) 2014-12-18

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[51] **Int.Cl. C10G 2/00 (2006.01) B01J 21/06 (2006.01) B01J 23/75 (2006.01) B01J 37/18 (2006.01)**
[25] EN
[54] **FISCHER-TROPSCH PROCESS USING REDUCTIVELY-ACTIVATED COBALT CATALYST**
[54] **PROCEDE DE FISCHER-TROPSCH A L'AIDE D'UN CATALYSEUR AU COBALT ACTIVE PAR REDUCTION**
[72] FERGUSON, EWEN, GB
[72] OJEDA PINEDA, MANUEL, GB
[72] PATERSON, ALEXANDER, GB
[72] WELLS, MATTHEW JAMES, GB
[71] BP P.L.C., GB
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[86] 2015-12-02 (PCT/EP2015/078422)
[87] (WO2016/091697)
[30] EP (14197760.3) 2014-12-12

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[51] **Int.Cl. F28F 9/02 (2006.01) F25B 39/02 (2006.01) F28D 9/00 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER, IN PARTICULAR BLOCK-IN-SHELL HEAT EXCHANGER COMPRISING A SEPARATING UNIT FOR SEPARATING A GASEOUS PHASE FROM A LIQUID PHASE AND FOR DISTRIBUTING THE LIQUID PHASE**
[54] **ECHANGEUR DE CHALEUR, EN PARTICULIER ECHANGEUR DE CHALEUR A BLOC EN COQUE COMPRENANT UNE UNITE DE SEPARATION DESTINEE A SEPARER UNE PHASE GAZEUSE D'UNE PHASE LIQUIDE ET A DISTRIBUER LA PHASE LIQUIDE**
[72] KAYSER, STEFAN, DE
[72] BRENNER, STEFFEN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-06-12
[86] 2015-12-07 (PCT/EP2015/002463)
[87] (WO2016/102047)
[30] EP (14004381.1) 2014-12-23

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[13] A1
[51] **Int.Cl. C23C 18/34 (2006.01) C23C 18/36 (2006.01) C23C 18/40 (2006.01) C23C 18/48 (2006.01) C23C 18/50 (2006.01)**
[25] EN
[54] **PLATING BATH COMPOSITIONS FOR ELECTROLESS PLATING OF METALS AND METAL ALLOYS**
[54] **COMPOSITIONS DE BAIN DE PLACAGE POUR PLACAGE AUTOCATALYTIQUE DE METAUX ET D'ALLIAGES METALLIQUES**
[72] BRUNNER, HEIKO, DE
[72] KOHLMANN, LARS, DE
[72] KARASAHIN, SENGUL, DE
[72] DAMMASCH, MATTHIAS, DE
[72] PAPE, SIMON, DE
[72] LUCKS, SANDRA, DE
[71] ATOTECH DEUTSCHLAND GMBH, DE
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[51] **Int.Cl. C07D 239/52 (2006.01) A01N 47/36 (2006.01) A01P 13/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **NOVEL CRYSTAL FORMS OF THE MONOSODIUM SALT OF FORAMSULFURON**
[54] **NOUVELLES FORMES CRISTALLINES DU SEL MONOSODIQUE DE FORAMSULFURON**
[72] ANTONS, STEFAN, DE
[72] OLENIK, BRITTA, DE
[72] KRUGER, MARTIN, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-06-12
[86] 2015-12-10 (PCT/EP2015/079283)
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[30] EP (14198010.2) 2014-12-15

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[13] A1
[51] **Int.Cl. A01N 59/00 (2006.01) A01N 25/08 (2006.01) A01N 37/06 (2006.01) A01N 37/46 (2006.01) A01N 43/64 (2006.01) A01N 47/16 (2006.01) A01N 49/00 (2006.01) A01P 1/00 (2006.01) A01P 17/00 (2006.01) C02F 1/76 (2006.01)**
[25] EN
[54] **TABLETS FOR TREATING AND DISINFECTING WATER**
[54] **COMPRIMES DE TRAITEMENT ET DE DESINFECTION D'EAU**
[72] CORONAS CERESUELA, JOAQUIN, ES
[72] PASETA MARTINEZ, LORENA, ES
[72] SIMON GAUDO, ELENA, ES
[72] GRACIA GORRIA, FRANCISCO ANDRES, ES
[72] ESPANA MARAVER, FRANCISCO JOSE, ES
[71] ERCROS, S.A., ES
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[25] EN
[54] **WIRE ELEMENT ARRANGEMENT IN AN ENERGY RECOVERY DEVICE**
[54] **AGENCEMENT D'ELEMENTS DE FIL DANS UN DISPOSITIF DE RECUPERATION D'ENERGIE**
[72] CULLEN, BARRY, IE
[72] O'TOOLE, KEVIN, IE
[72] TIRCA-DRAGOMIRESCU, GEORGIANA, IE
[72] WARREN, KEITH, IE
[72] BYRNE, RONAN, IE
[72] BEIRNE, RORY, IE
[71] EXERGYN LIMITED, IE
[85] 2017-06-12
[86] 2015-12-14 (PCT/EP2015/079660)
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[30] GB (1422153.5) 2014-12-12

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[13] A1
[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/41 (2006.01) A61P 25/02 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **BICYCLOHETEROARYL-HETEROARYL-BENZOIC ACID COMPOUNDS AS RETINOIC ACID RECEPTOR BETA (RAR.BETA.) AGONISTS**
[54] **COMPOSES DE TYPE ACIDE BICYCLOHETEROARYL-HETEROARYL-BENZOIQUE UTILISES COMME AGONISTES DE RECEPTEURS BETA DE L'ACIDE RETINOIQUE (RAR.BETA.)**
[72] BORTHWICK, ALAN DAVID, GB
[72] MILLS, MARK TREVOR, GB
[72] BROWN, JANE THERESA, GB
[72] CORCORAN, JONATHAN PATRICK THOMAS, GB
[72] DE CASTRO VASCONCELOS GONCALVES, MARIA BEATRIZ, GB
[72] KALINDJIAN, SARKIS BARRET, GB
[71] KING'S COLLEGE LONDON, GB
[85] 2017-06-12
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[87] (WO2016/097004)
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[25] EN
[54] **LIQUID PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE**
[72] FREITAG, ANGELIKA, DE
[72] HAWE, ANDREA, DE
[72] RINALDI, GIANLUCA, IT
[72] DEL RIO, ALESSANDRA, IT
[71] ARES TRADING S.A., CH
[85] 2017-06-12
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[25] EN
[54] **N-(4-HYDROXY-4-METHYL-CYCLOHEXYL)-4-PHENYL-BENZENESULFONAMIDE AND N-(4-HYDROXY-4-METHYL-CYCLOHEXYL)-4-(2-PYRIDYL)-BENZENESULFONAMIDE COMPOUNDS AND THEIR THERAPEUTIC USE**
[54] **N-(4-HYDROXY-4-METHYLCYCLOHEXYL)-4-PHENYLBENZENESULFONAMIDES ET N-(4-HYDROXY-4-METHYLCYCLOHEXYL)-4-(2-PYRIDYL)BENZENESULFONAMIDES ET LEUR UTILISATION THERAPEUTIQUE**
[72] SMITH, STEPHEN ALLAN, GB
[72] PATEL, LISA, GB
[72] GREIG, IAIN ROBERT, GB
[71] PIMCO 2664 LIMITED, GB
[85] 2017-06-12
[86] 2015-12-16 (PCT/EP2015/080022)
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[30] GB (1422469.5) 2014-12-17

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[25] EN
[54] **SUITCASE**
[54] **VALISE**
[72] KRAUS, DANIEL, DE
[72] TIMM, FELIX, DE
[72] STARKE, JOHANNES, DE
[72] KOCH, SIMON, DE
[72] OBERNDORFER, OLIVER, DE
[72] HOHL, WOLFGANG, DE
[71] ADOLF WURTH GMBH & CO.KG, DE
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTION OF DRUG RESISTANT MYCOBACTERIUM TUBERCULOSIS**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION DE MYCOBACTERIUM TUBERCULOSIS RESISTANT AUX MEDICAMENTS**
[72] JOHNSON, JENNY A., US
[72] MEHTA, ROCHAK, US
[72] YUEN, ANDY, US
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2017-06-12
[86] 2015-12-18 (PCT/EP2015/080484)
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[25] EN
[54] **SYSTEM AND METHOD FOR ANALYTE MEASUREMENT**
[54] **SYSTEME ET PROCEDE POUR LA MESURE ELECTROCHIMIQUE D'ANALYTE**
[72] ELDER, DAVID, GB
[72] MASSARI, ROSSANO, IT
[72] FORLANI, CHRISTIAN, IT
[72] POZZI, EMANUELE, IT
[71] LIFESCAN SCOTLAND LIMITED, GB
[85] 2017-06-12
[86] 2015-12-18 (PCT/EP2015/080599)
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[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO CIRCUIT INTERRUPTION APPARATUSES**
[54] **AMELIORATIONS APPORTEES A DES APPAREILS D'INTERRUPTION DE CIRCUIT OU S'Y RAPPORTANT**
[72] LI, BOTONG, GB
[72] HUANG, WENTAO, GB
[72] HA, HENGXU, GB
[72] SRI GOPALA KRISHNA MURTHI, SANKARA SUBRAMANIAN, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2017-06-12
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[25] EN
[54] **CORROSION RESISTANT CEMENTED CARBIDE FOR FLUID HANDLING**
[54] **CARBURE CEMENTE RESISTANT A LA CORROSION POUR LA MANIPULATION DE FLUIDE**
[72] DORVLO, SELASSIE, GB
[72] MECH, MILENA, GB
[72] NORDENSTROM, HENRIK, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[51] **Int.Cl. C22C 29/02 (2006.01) C22C 29/08 (2006.01) E21B 17/00 (2006.01) E21B 21/00 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **LIGHT WEIGHT CEMENTED CARBIDE FOR FLOW EROSION COMPONENTS**
[54] **CARBURE CEMENTE LEGER POUR ELEMENTS D'EROSION D'ECOULEMENT**
[72] DORVLO, SELASSIE, GB
[72] KEOWN, EUGENE, GB
[72] SMITH, JANE, GB
[72] NORDENSTROM, HENRIK, SE
[72] MECH, MILENA, GB
[72] CARPENTER, MICHAEL, GB
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[25] EN
[54] **WIND SAFE DOOR**
[54] **PORTE RESISTANTE AU VENT**
[72] LORENZANI, MAURO, IT
[72] LLORET MADRID, JUAN JORGE, IT
[72] BOSTYN, FREDERIC, BE
[71] ENTREMATIC BELGIUM NV, BE
[85] 2017-06-12
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[51] **Int.Cl. A46B 9/04 (2006.01) A46B 9/02 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **USTENSILE DE SOIN BUCCAL**
[72] JIMENEZ, EDUARDO J., US
[72] MOSKOVICH, ROBERT, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT DE SOIN BUCCAL**
[72] JIMENEZ, EDUARDO J., US
[72] WAGUESPACK, KENNETH, US
[72] MOSKOVICH, ROBERT, US
[72] KIRCHHOFER, ROGER, CH
[72] BIERI, KURT, CH
[72] STORZ, JOACHIM, AT
[72] WECHSLER, ANDREAS, AT
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] **Int.Cl. A46B 5/02 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT HAVING MULTI-COMPONENT HANDLE**
[54] **ACCESSOIRE DE SOINS BUCCO-DENTAIRES COMPORTANT UN MANCHE A COMPOSANTS MULTIPLES**
[72] JIMENEZ, EDUARDO J., US
[72] WAGUESPACK, KENNETH, US
[72] MOSKOVICH, ROBERT, US
[72] KIRCHHOFER, ROGER, CH
[72] BIERI, KURT, CH
[72] STORZ, JOACHIM, AT
[72] WECHSLER, ANDREAS, AT
[71] COLGATE-PALMOLIVE COMPANY, US
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[87] (WO2016/105364)

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[54] **FURNITURE HINGE**
[54] **CHARNIERE DE MEUBLE**
[72] HIRTSIEFER, ARTUR, DE
[72] RODDER, BERND, DE
[71] SAMET KALIP VE MADEN ESYA SAN. VE TIC. A.S., TR
[85] 2017-03-13
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[30] DE (10 2014 113 714.0) 2014-09-23

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[13] A1
[51] **Int.Cl. A46B 5/02 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT HAVING MULTI-COMPONENT HANDLE**
[54] **USTENSILE POUR L'HYGIENE BUCCO-DENTAIRE COMPORTANT UN MANCHE A ELEMENTS MULTIPLES**
[72] JIMENEZ, EDUARDO J., US
[72] WAGUESPACK, KENNETH, US
[72] MOSKOVICH, ROBERT, US
[72] KIRCHHOFER, ROGER, CH
[72] BIERI, KURT, CH
[72] STORZ, JOACHIM, AT
[72] WECHSLER, ANDREAS, AT
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **APPLICATION FOR UNITED STATES LETTERS PATENT**
[54] **DEMANDE DE LETTRES PATENTES AUX ETATS-UNIS**
[72] DUNN, STEVEN BRYAN, US
[72] HATHERILL, MARK A., US
[72] JOHNSON, NEVIN D., US
[72] SAXTON, MATTHEW JOSEPH, US
[71] MUNCHKIN, INC., US
[85] 2017-06-12
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[25] EN
[54] **NOVEL COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] ARMANI, ELISABETTA, IT
[72] CAPALDI, CARMELIDA, IT
[72] SUTTON, JONATHAN MARK, IT
[72] HEALD, ROBERT ANDREW, IT
[72] RIZZI, ANDREA, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
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[87] (WO2016/096638)
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[51] **Int.Cl. A46B 5/02 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT HAVING MULTI-COMPONENT HANDLE**
[54] **INSTRUMENT DE SOIN BUCCAL AYANT UN MANCHE A MULTIPLES ELEMENTS**
[72] JIMENEZ, EDUARDO J., US
[72] MOSKOVICH, ROBERT, US
[72] WAGUESPACK, KENNETH, US
[72] KIRCHHOFER, ROGER, CH
[72] BIERI, KURT, CH
[72] STORZ, JOACHIM, AT
[72] WECHSLER, ANDREAS, AT
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] **Int.Cl. A46B 9/04 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT DE SOIN BUCCAL**
[72] JIMENEZ, EDUARDO J., US
[72] STORZ, JOACHIM, AT
[72] WECHSLER, ANDREAS, AT
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] **Int.Cl. A46B 9/04 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **ACCESSOIRE DE SOINS BUCCAUX**
[72] JIMENEZ, EDUARDO J., US
[72] WAGUESPACK, KENNETH, US
[72] MOSKOVICH, ROBERT, US
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR PREDICTING RESPONSE TO CONTINUOUS POSITIVE AIR PRESSURE TREATMENT**
[54] **PROCEDE PERMETTANT DE PREDIRE UNE REPONSE A UN TRAITEMENT DE VENTILATION EN PRESSION POSITIVE CONTINUE**
[72] BARBE ILLA, EDUARD FERRAN, ES
[72] SANCHEZ DE LA TORRE, MANUEL, ES
[72] GOZAL, DAVID, US
[72] KHALYFA, ABDELNABY, US
[72] SANCHEZ DE LA TORRE, ALICIA, ES
[72] MARTINEZ GARCIA, MIGUEL ANGEL, ES
[71] CENTRO DE INVESTIGACION BIOMEDICA EN RED, ES
[71] INSTITUT DE RECERCA BIOMEDICA DE LLEIDA FUNDACIO DOCTOR PIFARRE, ES
[71] FUNDACION PARA LA INVESTIGACION DEL HOSPITAL UIVERSITARIO Y POLITECNICO LA FE DE LA COMUNIDAD VALENCIANA, ES
[85] 2017-06-12
[86] 2015-12-17 (PCT/EP2015/080183)
[87] (WO2016/097118)
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[13] A1
[51] **Int.Cl. C07C 67/48 (2006.01) C07C 69/75 (2006.01)**
[25] EN
[54] **STRIPPING METHOD**
[54] **PROCEDE DE DECAPAGE**
[72] JUNG, KI TAEG, KR
[72] KIM, HYO SUK, KR
[72] KIM, YOUNG JO, KR
[72] YOON, KYONG JUN, KR
[72] HAN, KEE DO, KR
[71] HANWHA CHEMICAL CORPORATION, KR
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[30] KR (10-2014-0183426) 2014-12-18
[30] KR (10-2015-0172422) 2015-12-04

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[13] A1
[51] **Int.Cl. E01C 3/00 (2006.01) E01C 9/00 (2006.01)**
[25] EN
[54] **WATER-PERMEABLE GROUND GRID FOR PAVINGS**
[54] **GRILLE DE SOL PERMEABLE A L'EAU POUR PAVEMENTS**
[72] BARTH, ANDREE, DE
[72] MANZEI, JURGEN, DE
[71] PURUS PLASTICS GMBH, DE
[85] 2017-06-12
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[87] (WO2016/107621)
[30] DE (20 2014 106 285.8) 2014-12-28

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[13] A1
[51] **Int.Cl. A46B 9/04 (2006.01) A46B 9/02 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT DE SOIN BUCCAL**
[72] JIMENEZ, EDUARDO J., US
[72] WAGUESPACK, KENNETH, US
[72] MOSKOVICH, ROBERT, US
[72] STORZ, JOACHIM, AT
[72] WECHSLER, ANDREAS, AT
[71] COLGATE-PALMOLIVE COMPANY, US
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[87] (WO2016/105361)

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[51] **Int.Cl. B07C 5/36 (2006.01) B07C 5/34 (2006.01)**
[25] EN
[54] **SORTING SYSTEM WITH MULTIPLE SORTING DEVICES**
[54] **SYSTEME DE TRI DOTE DE DISPOSITIFS DE TRI MULTIPLES**
[72] TORANG, CHRISTIAN, SE
[71] ENVAC OPTIBAG AB, SE
[85] 2017-06-13
[86] 2015-12-16 (PCT/EP2015/080042)
[87] (WO2016/097014)
[30] SE (1451571-2) 2014-12-17

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[13] A1
[51] **Int.Cl. H01B 11/20 (2006.01)**
[25] EN
[54] **CABLE WITH STRANDED WIRE PAIRS**
[54] **CABLE DOTE DE PAIRES DE FILS TORONNES**
[72] KUNZ, STEPHAN, DE
[72] ARMBRECHT, GUNNAR, DE
[72] LODDING, THOMAS, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[86] 2015-11-26 (PCT/EP2015/002384)
[87] (WO2016/082935)
[30] DE (20 2014 009 498.5) 2014-11-28

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[13] A1
[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **HAND-HELD TEST METER WITH TEST STRIP ELECTRODE TO GROUND-REFERENCE SWITCH CIRCUIT BLOCK**
[54] **DISPOSITIF DE MESURE D'ESSAI PORTATIF AVEC BLOC DE CIRCUIT DE COMMUTATION D'UNE ELECTRODE DE BANDELETTE D'ESSAI A UNE MASSE-REFERENCE**
[72] HAMER, MALCOLM, GB
[72] NELSON, JONATHAN, GB
[71] LIFESCAN SCOTLAND LIMITED, GB
[85] 2017-06-13
[86] 2015-12-16 (PCT/EP2015/080090)
[87] (WO2016/097051)
[30] US (62/093,043) 2014-12-17
[30] US (14/615,745) 2015-02-06

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[13] A1
[51] **Int.Cl. G06F 3/0482 (2013.01)**
[25] EN
[54] **DATA PROCESSING APPARATUS AND METHOD FOR RENDERING A TREE STRUCTURE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE DONNEES POUR LE RENDU D'UNE STRUCTURE D'ARBORESCENCE**
[72] BROCKE, JENS, DE
[72] GLAESER, FRANK, DE
[72] KUBSCH, STEFAN, DE
[72] LI, HUI, DE
[72] PIEPER, MICHAEL, DE
[72] WEBER, MICHAEL, DE
[71] THOMSON LICENSING, FR
[85] 2017-06-13
[86] 2015-11-27 (PCT/EP2015/077876)
[87] (WO2016/096368)
[30] EP (14307100.9) 2014-12-19

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[13] A1
[51] **Int.Cl. B65C 9/04 (2006.01)**
[25] EN
[54] **ROLLERS FOR A LABELLING MACHINE**
[54] **ROULEAUX POUR MACHINE D'ETIQUETAGE**
[72] KIRWAN, ANTHONY, IE
[71] NORTON (WATERFORD) LIMITED, IE
[85] 2017-06-13
[86] 2015-12-17 (PCT/EP2015/080210)
[87] (WO2016/097138)
[30] GB (1422497.6) 2014-12-17

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[51] Int.Cl. C12M 1/00 (2006.01) A01N 63/04 (2006.01) C12N 1/04 (2006.01) C12N 1/14 (2006.01)
[25] EN
[54] METHOD FOR PROLONGING THE VIABILITY OF FUNGAL SPORES IN LIQUID FORMULATIONS
[54] PROCEDE DESTINE A PROLONGER LA VIABILITE DE SPORES FONGIQUES DANS DES FORMULATIONS LIQUIDES
[72] WIESE, WELF BURKHARD, DE
[72] EIBEN, UTE, DE
[72] SEEMANN, ANTJE, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[71] BAYER CROPSCIENCE BIOLOGICS GMBH, DE
[85] 2017-06-13
[86] 2015-12-15 (PCT/EP2015/079743)
[87] (WO2016/096821)
[30] EP (14198283.5) 2014-12-16
[30] EP (15164624.7) 2015-04-22

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[13] A1
[51] Int.Cl. A61K 35/12 (2015.01) C12N 5/079 (2010.01) A61K 48/00 (2006.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01)
[25] EN
[54] TRANSGENIC RPE CELLS OVEREXPRESSING OTX2 FOR THE TREATMENT OF RETINAL DEGENERATION
[54] CELLULES TRANSGENIQUES DE L'EPITHELIUM PIGMENTAIRE RETINIEN (RPE) SUREXPRIMANT LE GENE OTX2 POUR LE TRAITEMENT DE LA DEGENERESCENCE RETINIENNE
[72] LEVEILLARD, THIERRY, FR
[72] KOLE, CHRISTO, FR
[72] SAHEL, JOSE-ALAIN, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2017-06-13
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[72] YOON, CHEOLHWAN, KR
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[72] KIM, HYUN JUNG, KR
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[72] CONRAD, LEONARD, AU
[72] KARUNARATNE, JOHANN, AU
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[72] LI, ZHIGANG, CN
[72] ZHANG, SHYFLYSKY, CN
[72] GUAN, XIUWEI, CN
[72] LU, IRIS, CN
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[72] HU, WEI, CN
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[71] NTT DOCOMO, INC., JP
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[54] **COMPOSITIONS DE (S)-N-(3-(6-ISOPROPOXYPYRIDIN-3-YL)-1H-INDAZOL-5-YL)-1-(2-(4-(4-(1-METHYL-1H-1,2,4-TRIAZOL-3-YL)PHENYL)-3,6-DIHYDROPYRIDIN-1(2H)-YL)-2-OXOETHYL)-3-(METHYLTHIO)PYRROLIDINE-3-CARBOXAMIDE POUR PREPARATIONS PHARMACEUTIQUES**
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[72] LEE, YUNG-CHI, US
[72] LEE, ALFRED, US
[72] MARINARO, WILLIAM ANTHONY, JR., US
[72] ZHANG, DAN, US
[72] FENG, TAO, CN
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[72] FLOSSER, DAVID, US
[72] GARCIA, PATRICIA, US
[72] CORLEY, LARRY STEVEN, US
[72] ERDEM, BEDRI, US
[72] PHAN, LUCY, US
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[72] ANG, JUN WEI, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCEDES DE SEPARATION DE SOURCE SIMULTANEE**
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[72] BREWER, JOEL, US
[71] CONOCOPHILLIPS COMPANY, US
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[54] **METHODS FOR REDUCING PLATELET AGGREGATION AND TREATING CARDIOVASCULAR DISEASE AND OTHER MEDICAL DISORDERS**
[54] **PROCEDES DE REDUCTION DE L'AGREGATION PLAQUETTAIRE DE ET DE TRAITEMENT D'UNE MALADIE CARDIOVASCULAIRE ET D'AUTRES TROUBLES MEDICAUX**
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[71] PARADISE HEALTH, INC., US
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[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION DE DONNEES**
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[72] KANDULA, RAMU, US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA MAHABALESHWARA, US
[72] SETTI NAGASWAMY SRINIVASAN, BHARAT RAM, US
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[72] SANTERRE, J. PAUL, CA
[72] HO, JEANNETTE, CA
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[54] **COMPOSE DE PYRROLOPYRIMIDINE**
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[72] HU, YUANDONG, CN
[72] DAI, LIGUANG, CN
[72] DUAN, XIAOWEI, CN
[72] SUN, YINGHUI, CN
[72] PENG, YONG, CN
[72] KONG, FANSHENG, CN
[72] LUO, HONG, CN
[72] HAN, YONGXIN, CN
[72] YANG, LING, CN
[72] WANG, SHANCHUN, CN
[71] CENTAURUS BIOPHARMA CO., LTD., CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD, CN
[71] LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD., CN
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[54] **SYSTEMES ET PROCEDES D'EXTRACTION DE CHALEUR DE CENTRE DE DONNEES**
[72] LEFEBVRE, DALE, US
[72] CHOI, KENNETH, US
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[30] US (62/098,176) 2014-12-30

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[51] **Int.Cl. B32B 15/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROTECTIVE COATING OF REINFORCEMENT**
[54] **SYSTEME ET PROCEDE DE REVETEMENT PROTECTEUR D'ARMATURE DES SOLS**
[72] BRODOWSKI, DAVID M., US
[72] BRERETON, TIMOTHY J., US
[72] ERANA, MICHAEL F., US
[71] INVENTURE CIVIL, LLC, US
[85] 2017-06-14
[86] 2016-01-12 (PCT/US2016/013028)
[87] (WO2016/115119)
[30] US (62/125,054) 2015-01-12
[30] US (14/671,421) 2015-03-27

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[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 239/42 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **2-MORPHOLIN-4,6-DISUBSTITUTED PYRIMIDINE DERIVATIVE, AND PREPARATION METHOD AND PHARMACEUTICAL USE THEREOF**
[54] **DERIVE DE PYRIMIDINE DISUBSTITUE EN 2-MORPHOLIN-4,6 ET PROCEDE DE PREPARATION ET UTILISATION PHARMACEUTIQUE ASSOCIES**
[72] SHEN, SIDA, CN
[72] NI, XIAOJING, CN
[72] ZHANG, ZHIYUAN, CN
[72] YANG, ZHENG, CN
[72] HE, XIANGYU, CN
[72] WANG, WEIWEI, CN
[72] ZHOU, FUSHENG, CN
[71] SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD., CN
[71] YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2017-06-15
[86] 2015-12-17 (PCT/CN2015/097739)
[87] (WO2016/095833)
[30] CN (201410790769.8) 2014-12-17

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[13] A1
[51] **Int.Cl. H03M 1/00 (2006.01)**
[25] EN
[54] **CAPACITOR STRINGS AND APPLICATION THEREOF TO PRECISION ANALOG PERFORMANCE WITHOUT PRECISION PARTS**
[54] **CHAINES DE CONDENSATEURS ET LEUR APPLICATION POUR OBTENIR UNE PERFORMANCE ANALOGIQUE DE PRECISION SANS PIECES DE PRECISION**
[72] SCHOBER, ROBERT C., US
[72] LIKINS, J. DANIEL, US
[71] SCHOBER, ROBERT C., US
[71] LIKINS, J. DANIEL, US
[85] 2017-06-15
[86] 2015-03-16 (PCT/IB2015/051916)
[87] (WO2015/140696)
[30] US (61/968,291) 2014-03-20

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[13] A1
[51] **Int.Cl. C08L 9/00 (2006.01) B60C 1/00 (2006.01) C08K 3/04 (2006.01) C08K 3/36 (2006.01) C08K 5/521 (2006.01) C08L 7/00 (2006.01)**
[25] EN
[54] **A SNOW TIRE HAVING A TREAD COMPRISING A RUBBER COMPOSITION**
[54] **PNEU NEIGE AYANT UNE BANDE DE ROULEMENT COMPRENANT UNE COMPOSITION DE CAOUTCHOUC**
[72] HARANO, AYA, JP
[72] KANNO, YUJI, JP
[71] COMPAGNIE GENERALE DES ESTABLISSEMENT MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2017-06-15
[86] 2015-12-15 (PCT/JP2015/085598)
[87] (WO2016/098908)
[30] JP (PCT/JP2014/083634) 2014-12-15

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[13] A1
[51] **Int.Cl. C07C 255/54 (2006.01) A61K 31/277 (2006.01) A61K 31/404 (2006.01) A61K 31/423 (2006.01) A61K 31/428 (2006.01) A61K 31/433 (2006.01) A61K 31/437 (2006.01) A61K 31/4406 (2006.01) A61K 31/47 (2006.01) A61P 19/06 (2006.01) A61P 43/00 (2006.01) C07C 321/24 (2006.01) C07D 209/08 (2006.01) C07D 213/30 (2006.01) C07D 215/20 (2006.01) C07D 215/36 (2006.01) C07D 263/54 (2006.01) C07D 275/04 (2006.01) C07D 277/62 (2006.01) C07D 285/14 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **URAT1 INHIBITOR**
[54] **INHIBITEUR D'URAT1**
[72] ENDO, TSUYOSHI, JP
[72] KOBAYASHI, KUNIO, JP
[72] TANAKA, HIROTO, JP
[72] SAITO, DAISUKE, JP
[72] HIRANO, MASUHARU, JP
[72] ENDOU, HITOSHI, JP
[72] ANZAI, NAOHIKO, JP
[71] NIPPON CHEMIPHAR CO., LTD., JP
[71] J-PHARMA CO., LTD., JP
[71] DETHREE RES. LAB. INC., JP
[85] 2017-06-15
[86] 2015-12-28 (PCT/JP2015/086482)
[87] (WO2016/108282)
[30] JP (2014-267009) 2014-12-29
[30] JP (2015-128396) 2015-06-26

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[13] A1
[51] **Int.Cl. G06F 3/12 (2006.01) G07G 1/06 (2006.01)**
[25] EN
[54] **PRINTER DRIVER AND POS SYSTEM**
[54] **PILOTE D'IMPRIMANTE ET SYSTEME POS**
[72] SAKAI, ATSUSHI, JP
[72] NAKAZAWA, MASATOSHI, JP
[71] SEIKO EPSON CORPORATION, JP
[85] 2017-06-15
[86] 2016-01-28 (PCT/JP2016/000443)
[87] (WO2016/129226)
[30] JP (2015-025041) 2015-02-12
[30] JP (2015-256057) 2015-12-28

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[13] A1
[51] **Int.Cl. G06F 15/18 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING PROPORTIONS OF DISTINCT CELL SUBSETS**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER LES PROPORTIONS DE SOUS-ENSEMBLES DE CELLULES DISTINCTES**
[72] NEWMAN, AARON M., US
[72] ALIZADEH, ARASH ASH, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNOR UNIVERSITY, US
[85] 2017-06-14
[86] 2016-01-22 (PCT/US2016/014520)
[87] (WO2016/118860)
[30] US (62/106,601) 2015-01-22

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[13] A1
[51] **Int.Cl. B22D 11/11 (2006.01) B22D 11/04 (2006.01) B22D 11/115 (2006.01) B22D 11/18 (2006.01)**
[25] EN
[54] **METHOD FOR CONTINUOUSLY CASTING STEEL**
[54] **PROCEDE DE COULEE CONTINUE POUR DE L'ACIER**
[72] HANAO, MASAHITO, JP
[72] UCHIYAMA, HIROAKI, JP
[72] FUJIMOTO, KOHEI, JP
[72] MIYAHARA, MASATOSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-06-15
[86] 2016-03-31 (PCT/JP2016/060769)
[87] (WO2016/159284)
[30] JP (2015-072279) 2015-03-31

[21] **2,971,131**
[13] A1
[51] **Int.Cl. G01N 27/417 (2006.01)**
[25] EN
[54] **HYDROGEN DETECTOR FOR GAS AND FLUID MEDIA**
[54] **CAPTEUR D'HYDROGENE POUR MILIEUX LIQUIDES OU GAZEUX**
[72] MARTYNOV, PETR NIKIFOROVICH, RU
[72] CHERNOV, MICHAIL EFIMOVICH, RU
[72] STOROZHENKO, ALEXSEY NIKOLAEVICH, RU
[72] SHELEMETYEV, VASILIY MIHAILOVICH, RU
[72] SADOVNICHIY, ROMAN PETROVICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
[85] 2017-06-15
[86] 2015-11-16 (PCT/RU2015/000789)
[87] (WO2016/099329)
[30] RU (2014150468) 2014-12-15

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[13] A1
[51] **Int.Cl. G21C 9/016 (2006.01) G21C 13/10 (2006.01)**
[25] EN
[54] **WATER-COOLED WATER-MODERATED NUCLEAR REACTOR CORE MELT COOLING AND CONFINEMENT SYSTEM**
[54] **SYSTEME DE CONFINEMENT ET REFROIDISSEMENT DE FUSION DU COEUR D'UN REACTEUR NUCLEAIRE MODERE A L'EAU ET REFROIDI A L'EAU, ET SYSTEME DE CONFINEMENT**
[72] NEDOREZOV, ANDREY BORISOVICH, RU
[72] SIDOROV, ALEKSANDR STALEVICH, RU
[71] JOIN STOCK COMPANY ATOMENERGOPROEKT, RU
[85] 2017-06-15
[86] 2015-11-16 (PCT/RU2015/000781)
[87] (WO2016/099326)
[30] RU (2014150938) 2014-12-16

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[13] A1
[51] **Int.Cl. H04W 4/10 (2009.01) H04W 4/08 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **NETWORK-TO-NETWORK INTERFACE GATEWAY SYSTEM FOR PUSH-TO-TALK-OVER-CELLULAR SERVICE**
[54] **SYSTEME DE PASSERELLE D'INTERFACE DE RESEAU A RESEAU POUR UN SERVICE CELLULAIRE POUSSER POUR TRANSMETTRE**
[72] PATEL, KRISHNAKANT M., US
[72] KANDULA, RAMU, US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA MAHABALESHWARA, US
[72] BISWAL, BIBHUDATTA, US
[72] ARDAH, BASEM AHMAN, US
[71] KODIAK NETWORKS, INC., US
[85] 2017-06-14
[86] 2016-02-02 (PCT/US2016/016206)
[87] (WO2016/126728)
[30] US (62/111,556) 2015-02-03
[30] US (15/013,548) 2016-02-02

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[13] A1
[51] **Int.Cl. H04W 4/10 (2009.01) H04W 68/00 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **SESSION MANAGEMENT AND NOTIFICATION MECHANISMS FOR PUSH-TO-TALK (PTT)**
[54] **MECANISMES DE GESTION DE SESSION ET DE NOTIFICATION POUR SERVICE DE MESSAGERIE VOCALE INSTANTANEE (PTT)**
[72] PATEL, KRISHNAKANT M., US
[72] NEGALAGULI, HARISHA MAHABALESHWARA, US
[72] VEMPATI, BRAHMANANDA R., US
[72] KANDULA, RAMU, US
[71] KODIAK NETWORKS, INC., US
[85] 2017-06-14
[86] 2016-02-03 (PCT/US2016/016371)
[87] (WO2016/126824)
[30] US (62/111,561) 2015-02-03
[30] US (15/013,718) 2016-02-02

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[13] A1
[51] **Int.Cl. C04B 28/06 (2006.01) B09B 3/00 (2006.01) B63J 4/00 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **AN ENVIRONMENTALLY SUSTAINABLE CEMENT COMPOSITION, ITS USE FOR INERTING DREDGING SEDIMENTS/SLUDGES, RELATIVE METHOD AND APPARATUS FOR INERTING**
[54] **COMPOSITION DE CIMENT A DURABILITE ENVIRONNEMENTALE, SON UTILISATION POUR L'INERTAGE DE BOUES/SEDIMENTS DE DRAGAGE, PROCEDE ET APPAREIL ASSOCIES POUR INERTAGE**
[72] CORAZZA, FABIO, IT
[72] CEPOLINA, SARA, IT
[72] DI DIO, MAURIZIO, IT
[72] CAPANNELLI, GERARDO, IT
[72] COMITE, ANTONIO, IT
[72] CAPANNELLI, GUSTAVO, IT
[71] ITALCEMENTI S.P.A., IT
[71] TICASS S.C.R.L. TECNOLOGIE INNOVATIVE PER IL CONTROLLO AMBIENTALE E LO SVILUPPO SOSTENIBILE, IT
[71] UNIVERSITA' DEGLI STUDI DI GENOVA, IT
[85] 2017-06-15
[86] 2016-02-16 (PCT/IB2016/050814)
[87] (WO2016/132286)
[30] IT (MI2015A000222) 2015-02-17

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[13] A1
[51] **Int.Cl. A61B 1/04 (2006.01) A61B 1/12 (2006.01)**
[25] EN
[54] **BALLOON ENDOSCOPE REPROCESSING SYSTEM AND METHOD**
[54] **SYSTEME DE RETRAITEMENT D'ENDOSCOPE A BALLONNET ET PROCEDE**
[72] LURIA, GILAD, IL
[72] PELED, SAGI, IL
[72] TERLIUC, GAD, IL
[71] SMART MEDICAL SYSTEMS LTD., IL
[85] 2017-06-15
[86] 2015-11-26 (PCT/IL2015/051149)
[87] (WO2016/103247)
[30] US (62/124,551) 2014-12-22

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[13] A1
[51] **Int.Cl. B60B 29/00 (2006.01) B25B 27/02 (2006.01) B60B 31/04 (2006.01)**
[25] EN
[54] **TOOL FOR HANDLING OF A WHEEL**
[54] **OUTIL DE MANIPULATION D'UNE ROUE**
[72] LIUKAS, ILKKA, FI
[71] LIUKAS, ILKKA, FI
[85] 2017-06-15
[86] 2014-12-22 (PCT/FI2014/051042)
[87] (WO2015/101707)
[30] EP (14150090.0) 2014-01-03

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[13] A1
[51] **Int.Cl. A42B 3/20 (2006.01) A42B 1/06 (2006.01) A42B 3/22 (2006.01)**
[25] EN
[54] **A FACE GUARD COMPRISING AT LEAST ONE WIRE**
[54] **MASQUE DE PROTECTION COMPRENANT AU MOINS UN FIL**
[72] SUMELIUS, JAN, FI
[71] JAMIDON LTD., FI
[85] 2017-06-15
[86] 2015-12-18 (PCT/FI2015/050898)
[87] (WO2016/102758)
[30] US (14/579,106) 2014-12-22

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[13] A1
[51] **Int.Cl. A61F 6/04 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **NOVEL CONDOM COMPRISING CANNABIS DERIVED COMPOSITIONS FOR ENHANCEMENT OF SEXUAL PLEASURE AND DECREASE OF ERECTILE DYSFUNCTION SYMPTOMS**
[54] **NOUVEAU PRESERVATIF COMPRENANT DES COMPOSITIONS DERIVEES DU CANNABIS DESTINE A AMELIORER LE PLAISIR SEXUEL ET A DIMINUER LES SYMPTOMES DE DYSFONCTIONNEMENT ERECTILE**
[72] SINAI, ALON, IL
[72] TURNER, ZIV, IL
[72] BARUCH, YEHUDA, IL
[71] ONE WORLD CANNABIS LTD, IL
[85] 2017-06-15
[86] 2015-12-16 (PCT/IL2015/051220)
[87] (WO2016/098112)
[30] US (62/092,849) 2014-12-17

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[13] A1
[51] **Int.Cl. H04S 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUDIO SHARING**
[54] **PROCEDE ET SYSTEME POUR LE PARTAGE AUDIO**
[72] DEGRAYE, TIMOTHY, CH
[72] HUGUET, LILIANE, CH
[71] DEGRAYE, TIMOTHY, CH
[71] HUGUET, LILIANE, CH
[85] 2017-06-15
[86] 2015-12-23 (PCT/US2015/000164)
[87] (WO2016/105455)
[30] US (62/096,209) 2014-12-23

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[13] A1
[51] **Int.Cl. G21C 9/016 (2006.01) G21C 13/10 (2006.01)**
[25] EN
[54] **WATER-COOLED WATER-MODERATED NUCLEAR REACTOR CORE MELT COOLING AND CONFINEMENT SYSTEM**
[54] **SYSTEME DE CONFINEMENT ET REFROIDISSEMENT DE FUSION DU COEUR D'UN REACTEUR NUCLEAIRE MODERE A L'EAU ET REFROIDI A L'EAU, ET SYSTEME DE CONFINEMENT**
[72] NEDOREZOV, ANDREY BORISOVICH, RU
[72] SIDOROV, ALEKSANDR STALEVICH, RU
[71] JOINT STOCK COMPANY "ATOMENERGOPROEKT", RU
[85] 2017-06-15
[86] 2015-11-16 (PCT/RU2015/000782)
[87] (WO2016/099327)
[30] RU (2014150936) 2014-12-16

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/35 (2014.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR GAMING REVENUE**
[54] **PROCEDE ET SYSTEME POUR REVENU DE JEU**
[72] WEBB, WILLIAM, US
[71] WEBB, WILLIAM, US
[85] 2017-06-15
[86] 2015-04-25 (PCT/US2015/027678)
[87] (WO2016/099595)
[30] US (14/573,593) 2014-12-17

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[13] A1
[51] **Int.Cl. E21B 10/26 (2006.01) E21B 10/42 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **ROTATING SUPERHARD CUTTING ELEMENT**
[54] **ELEMENT DE COUPE EXTRA-DUR ET ROTATIF**
[72] DUNBAR, BRADLEY DAVID, US
[72] ATKINS, WILLIAM BRIAN, US
[72] HARWELL, RODDY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-15
[86] 2015-01-26 (PCT/US2015/012855)
[87] (WO2016/122438)

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **METHOD OF PURIFYING MONOCLONAL ANTIBODIES**
[54] **PROCEDE DE PURIFICATION D'ANTICORPS MONOCLONAUX**
[72] MORTON, JOSH, US
[72] BRATCHER, BARRY, US
[72] SWOPE, KELSI, US
[72] HIATT, EMMETT ERNEST, III, US
[72] HUME, STEVEN D., US
[72] ZEITLIN, LARRY, US
[71] KENTUCKY BIOPROCESSING, INC., US
[85] 2017-06-15
[86] 2014-10-03 (PCT/US2014/059159)
[87] (WO2015/105551)
[30] US (61/925,580) 2014-01-09

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[13] A1
[51] **Int.Cl. G21C 9/016 (2006.01) G21C 13/10 (2006.01)**
[25] EN
[54] **WATER-COOLED WATER-MODERATED NUCLEAR REACTOR CORE MELT COOLING AND CONFINEMENT SYSTEM**
[54] **SYSTEME DE CONFINEMENT ET REFROIDISSEMENT DE FUSION DU COEUR D'UN REACTEUR NUCLEAIRE MODERE A L'EAU ET REFROIDI A L'EAU, ET SYSTEME DE CONFINEMENT**
[72] NEDOREZOV, ANDREY BORISOVICH, RU
[72] SIDOROV, ALEKSANDR STALEVICH, RU
[71] JOINT STOCK COMPANY "ATOMENERGOPROEKT", RU
[85] 2017-06-15
[86] 2015-11-16 (PCT/RU2015/000783)
[87] (WO2016/099328)
[30] RU (2014150937) 2014-12-16

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **APPLICATION SERVICE DELIVERY THROUGH AN APPLICATION SERVICE AVATAR**
[54] **FOURNITURE DE SERVICE D'APPLICATION PAR L'INTERMEDIAIRE D'UN AVATAR DE SERVICE D'APPLICATION**
[72] BOHANNON, PHILIP LEWIS, US
[72] POOSALA, VISWANATH, US
[71] FACEBOOK, INC., US
[85] 2017-06-15
[86] 2014-12-30 (PCT/US2014/072633)
[87] (WO2016/108828)
[30] US (14/584,815) 2014-12-29

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[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING TEXTUAL SOCIAL REMARKS OVERLAID ON MEDIA CONTENT**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES REMARQUES SOCIALES TEXTUELLES SUPERPOSEES A UN CONTENU MULTIMEDIA**
[72] HODGSON, PHILLIP, US
[71] FACEBOOK, INC., US
[85] 2017-06-15
[86] 2014-12-31 (PCT/US2014/073023)
[87] (WO2016/108899)
[30] US (14/586,437) 2014-12-30

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[13] A1
[51] **Int.Cl. C09K 8/42 (2006.01)**
[25] EN
[54] **COMPATIBILIZED CEMENT COMPOSITION FOR TREATMENT OF A SUBTERRANEAN FORMATION**
[54] **COMPOSITION DE CIMENT COMPATIBILISEE POUR LE TRAITEMENT D'UNE FORMATION SOUTERRAINE**
[72] JONES, PAUL JOSEPH, US
[72] MUTHUSAMY, RAMESH, IN
[72] DESHPANDE, ABHIMANYU PRAMOD, IN
[72] HUNDT, GREG ROBERT, US
[72] KARCHER, JEFFREY DWANE, US
[72] GUILLORY, BRITTNEY NICOLE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-15
[86] 2015-01-22 (PCT/US2015/012501)
[87] (WO2016/118146)

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[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 47/00 (2012.01) G01R 33/44 (2006.01) G01V 3/18 (2006.01)**
[25] EN
[54] **DETERMINING THE OLEOPHILIC TO AQUEOUS PHASE FLUID RATIO FOR DRILLING FLUIDS**
[54] **DETERMINATION DU RAPPORT DE FLUIDE OLEOPHILE AU FLUIDE EN PHASE AQUEUSE POUR DES FLUIDES DE FORAGE**
[72] CHEN, SONGHUA, US
[72] SANDOR, MAGDALENA TRAICO, US
[72] MCDANIEL, CATO RUSSELL, US
[72] BELL, JASON GLEN, US
[72] SHUMWAY, WILLIAM W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-15
[86] 2015-01-29 (PCT/US2015/013535)
[87] (WO2016/122531)

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 23/01 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **DOWNHOLE ACTIVATION OF SEISMIC TOOLS**
[54] **ACTIVATION DE FOND DE PUITS D'OUTILS SISMIQUES**
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-15
[86] 2015-02-26 (PCT/US2015/017706)
[87] (WO2016/137465)

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[13] A1
[51] **Int.Cl. G01N 27/417 (2006.01)**
[25] EN
[54] **HYDROGEN DETECTOR FOR GAS MEDIA**
[54] **DETECTEUR D'HYDROGENE DESTINE A UN MILIEU GAZEUX**
[72] MARTYNOV, PETR NIKIFOROVICH, RU
[72] CHERNOV, MICHAIL EFIMOVICH, RU
[72] STOROZHENKO, ALEXSEY NIKOLAEVICH, RU
[72] SHELEMET'EV, VASILIY MIKHAYLOVICH, RU
[72] SADOVNICHIY, ROMAN PETROVICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
[85] 2017-06-15
[86] 2015-11-16 (PCT/RU2015/000791)
[87] (WO2016/099330)
[30] RU (2014150467) 2014-12-15

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[13] A1
[51] **Int.Cl. A41G 3/00 (2006.01) A41G 5/00 (2006.01)**
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[54] **HAIR REPLACEMENT APPARATUS AND METHOD OF USE**
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[72] TRIMBOY, NEIL ADRIAN, NZ
[72] SHARPLIN, NIGEL JAMES, NZ
[72] MORRISON, STEVEN PAUL, NZ
[72] STEPHENS, LOGAN ALEXANDER, NZ
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[72] OULD DELLAHY, ISSELMOU, US
[72] LI, RENXIANG, US
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[54] **ADHESIF SENSIBLE A LA PRESSION DURCISSABLE PAR FAISCEAU D'ELECTRONS COMPRENANT UN POLYMERE ACRYLIQUE DOTE D'UN GROUPE VINYLE LIE**
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[72] SUN, ZHAOHUI, US
[71] ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC, US
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[54] **SYSTEME DE SURVEILLANCE D'ITINERAIRE POUR UN RESEAU DE COMMUNICATION**
[72] REYNOLDS, JOHN SHERWOOD, US
[72] BILGER, LYNN, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **MULTIPLE LOOP SURGICAL SNARE ASSEMBLY**
[54] **ENSEMBLE ANSE CHIRURGICALE A BOUCLES MULTIPLES**
[72] SAUER, JUDE S., US
[71] LSI SOLUTIONS, INC., US
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[54] **PROCEDE POUR UNE SURVEILLANCE DE PORTEFEUILLE LEGALE COMMANDEE PAR UNE MACHINE**
[72] HANSEN, PETER K., US
[72] KRAGH, LARS, US
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[54] **DETECTION NON INTRUSIVE DE ROTATION DE BOUTON DE SERRURES DE HAUTE SECURITE**
[72] HORNE, GEORGE MARSHALL, US
[72] CLARK, MICHAEL ROBERT, US
[71] SARGENT & GREENLEAF, INC., US
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[54] **CONVERTISSEUR DE DEBIT DE VANNE DISCRET**
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[72] GU, JAMES J., US
[71] FLUID HANDLING LLC, US
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[54] **ALLIAGES FERREUX TENACES ET RESISTANTS A L'USURE CONTENANT DE MULTIPLES PHASES DURES**
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[72] EIBL, CAMERON, US
[71] SCOPERTA, INC., US
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[54] **COPOLYMERES POLYDIALLYMINE RETICULE POUR LE TRAITEMENT DU DIABETE DE TYPE 2**
[72] DHAL, PRADEEP K., US
[72] MILLER, ROBERT J., US
[72] POLOMOSCANIK, STEVEN C., US
[72] LARSEN, PHILIP JUST, DE
[72] HUEBSCHLE, THOMAS, DE
[72] SCHMIDT, THORSTEN, DE
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[54] **COMPOSITIONS ET PROCEDES DE MODIFICATION IN VITRO DE GENOMES VIRAUX**
[72] CADY, KYLE C., US
[72] BARBU, E. MAGDA, US
[72] DIPETRILLO, CHRISTEN G., US
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[54] **SYSTEME ET PROCEDE DE PERMEABILITE DE CATHETER**
[72] TALLARIDA, STEVEN J., US
[72] BUTZIGER, JOHN M., US
[72] RODGERS, RICHARD P., US
[71] VERSAGO VASCULAR ACCESS, INC., US
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[54] **PROCEDES D'IMMUNOMODULATION DE CANCER ET THERAPIE DE MALADIE INFECTIEUSE**
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **GENERATION DE CONTENUS AVEC RESTRUCTURATION**
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[72] LOGAN, JOHN, US
[72] BARRACLOUGH, KEITH, US
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[71] SEGNUT PTY LTD, AU
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[54] **PROCEDES DE LIXIVIATION RAPIDE DE LA CHALCOPYRITE**
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[72] ROCKS, SALLY, US
[71] FLSMIDTH A/S, DK
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[54] **HEAP LEACHING METHOD**
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[71] BHP BILLITON OLYMPIC DAM CORPORATION PTY LTD, AU
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[54] **FORMULATIONS OF CALCIUM AND PHOSPHATE FOR ORAL INFLAMMATION**
[54] **FORMULATIONS DE CALCIUM ET DE PHOSPHATE POUR INFLAMMATION BUCCALE**
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[72] BETANCOURT, AIMESTHER, CA
[72] GOSSELIN, PATRICK, CA
[72] WELDON, BARTHOLOMEW, US
[72] KOBUS, EDWARD, US
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[54] **ISCHEMIC PRECONDITION TREATMENT EQUIPMENT AND USE AND METHOD THEREOF FOR JUDGING HEALTH CONDITION OF BLOOD VESSELS**
[54] **EQUIPEMENT DE TRAITEMENT DE PRE-CONDITION ISCHEMIQUE, ET UTILISATION ET PROCEDE DE CE DERNIER POUR EVALUER L'ETAT DE SANTE DE VAISSEAUX SANGUINS**
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[72] CHEN, QIANRUI, CN
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[54] **HOME ROBOT AND CONTROL METHOD THEREOF**
[54] **ROBOT DOMESTIQUE ET SON PROCEDE DE COMMANDE**
[72] YU, QINGHAO, CN
[72] CHEN, YUAN, CN
[72] SHEN, QIANG, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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[71] INBUBBLES INC., CA
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[54] **SYSTEME ET PROCEDE POUR DETERMINER UNE SIGNATURE PERCEPTIVO-COGNITIVE D'UN SUJET**
[72] SIDEBOTTOM, LEE, GB
[72] CASTONGUAY, JEAN, CA
[72] FAUBERT, JOCELYN, CA
[72] PARSONS, BRENDAN, CA
[71] COGNISENS INC., CA
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[54] **PROCEDE ET SYSTEME DE COMMUNICATION DUPLEX PAR REPARTITION DANS LE TEMPS DANS DES RESEAUX SANS FIL**
[72] ZARIFI, KEYVAN, CA
[72] BALIGH, MOHAMMADHADI, CA
[72] MA, JIANGLEI, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **FLOOR BRUSH ASSEMBLY FOR UPRIGHT VACUUM CLEANER AND UPRIGHT VACUUM CLEANER HAVING SAME**
[54] **ENSEMBLE DE BROSSE DURE DE NETTOYEUR VERTICAL ET NETTOYEUR VERTICAL DOTE DE CE DERNIER**
[72] HU, WEI, CN
[72] ZOU, HUI, CN
[72] XIAO, XIAHU, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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|25| EN
|54| **SYSTEM AND METHOD FOR PERITONEAL DIALYSIS**
|54| **SYSTEME ET PROCEDE DE DIALYSE PERITONEALE**
|72| BOURNE, ORSON, CA
|71| NEWSOL TECHNOLOGIES INC., CA
|85| 2017-06-16
|86| 2015-12-11 (PCT/CA2015/051312)
|87| (WO2016/095026)
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|54| **LATERAL WALL OF PHARYNX TRACTION DEVICE AND IMPLANTATION METHOD THEREFOR**
|54| **DISPOSITIF DE TRACTION DE PAROI LATERALE DU PHARYNX ET PROCEDE D'IMPLANTATION ASSOCIE**
|72| ZHOU, XING, CN
|72| ZHANG, XIANGMIN, CN
|71| ZHOU, XING, CN
|71| ZHANG, XIANGMIN, CN
|85| 2017-06-16
|86| 2015-12-10 (PCT/CN2015/096892)
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|54| **ELECTROMAGNETIC SURVEY SYSTEM BUCKING ENHANCEMENT**
|54| **AMELIORATION DE COMPENSATION DE SYSTEME DE LEVE ELECTROMAGNETIQUE**
|72| DODDS, JACK, CA
|71| GEOTECH LTD., CA
|85| 2017-06-16
|86| 2015-12-16 (PCT/CA2015/051334)
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|25| EN
|54| **GOING BACK AND CHARGING SYSTEM FOR SWEEPING ROBOT AND METHOD FOR CONTROLLING THE SAME**
|54| **SYSTEME DE RENVOI D'UN ROBOT NETTOYEUR A LA CHARGE ET SON PROCEDE DE COMMANDE DE CHARGE DE RETOUR**
|72| SHEN, QIANG, CN
|72| SHEN, LUOKUN, CN
|71| JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
|85| 2017-06-16
|86| 2016-08-11 (PCT/CN2016/094697)
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|25| EN
|54| **DEVICE AND METHOD FOR LABELING INDIVIDUAL PACKAGES**
|54| **PROCEDE ET DISPOSITIF D'ETIQUETAGE D'EMBALLAGES INDIVIDUELS**
|72| KORTHAUER, MARCUS, DE
|72| WOLFF, PETER, DE
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|72| DIPPE, RALF, DE
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|54| **SYSTEMES BASES SUR UN DRONE ET METHODOLOGIES DE CAPTURE D'IMAGES**
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|71| PICPOCKET, INC., US
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|72| WEISS, GREGORY A., US
|72| CHOI, YONGKI, US
|72| OLSEN, TIVOLI, US
|71| THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE BPCO ET D'EMPHYSEME**
[72] BRANNAN, JOSEPH D., US
[72] ROOKS, KATHY E., US
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[54] **SYNTHESE COMMERCIALEMENT VIABLE DE LA CANTHARIDINE ET DE DERIVES BIOACTIFS DE LA CANTHARIDINE**
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[72] SCHOW, STEVEN R., US
[71] VERRICA PHARMACEUTICALS, INC., US
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[72] HOWARD, STEPHEN, US
[71] OMNI CONSUMER PRODUCTS, LLC, US
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[72] HUFFENUS, MARIE, FR
[72] SCHAAL, PIERRE YVES, FR
[72] LAXAGUE, LAURENT, FR
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[54] **BIO-CAPTEUR DE CREATININE ET SON PROCEDE D'UTILISATION**
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[54] **SYSTEME ET PROCEDE POUR UNE MEILLEURE RECUPERATION DE METAL PENDANT UNE LIXIVIATION ATMOSPHERIQUE DE SULFURES METALLIQUES**
[72] CHAIKO, DAVID J., US
[72] BACZEK, FRANK, US
[72] WALTERS, TOM, US
[72] ROCKS, SALLY, US
[72] EYZAGUIRRE, CARLOS, US
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU PLASMINOGENE ET SES UTILISATIONS**
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[72] BLACKMAN, DAVIDA, US
[72] PLUM, STACY, US
[72] GARZON-RODRIGUEZ, WILLIAM, US
[72] YU, BETTY, US
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[72] GHANNAM, SOUFIANE, CA
[71] CENTRE HOSPITALIER DE L'UNIVERSITE DE MONTREAL, CA
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[54] **DERIVE 20(R)-GINSENOSIDE RG3 MULTIACYLE, SA PREPARATION ET SON APPLICATION**
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[72] FAN, HONGYU, CN
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[54] **ARTICLE MOULE EN FORME DE PANNEAU ET PROCEDE DE PRODUCTION D'ARTICLE MOULE EN FORME DE PANNEAU**
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] NOMURA, NARUHIKO, JP
[72] SUZUKI, TOSHIYA, JP
[72] KUBO, MASAHIRO, JP
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[54] **STRUCTURE DE FIXATION DE CAPOT POUR VEHICULE A SELLE**
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[72] YOKOYAMA, SHIN, JP
[72] MORITA, KENJI, JP
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[54] **ROBOT MAINTENANCE ASSIST DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ASSISTANCE A LA MAINTENANCE DE ROBOTS**
[72] SAWADA, HIROMI, JP
[72] YOSHIMURA, MASATO, JP
[72] SHIMIZU, TOMOYA, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[54] **PROCEDE ET APPAREIL POUR LA SYNTHESE D'HYDROCARBURE**
[72] IMANAKA, TADAYUKI, JP
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[71] SI ENERGY COMPANY LIMITED, JP
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|54| **MEDICAMENT POUR LE TRAITEMENT DE TROUBLES DE L'EPITHELIUM CORNEEN**
|72| MIZUSHIMA, TORU, JP
|72| IWATA, HIROSHI, JP
|71| EA PHARMA CO., LTD., JP
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|54| **PROCEDE DE TRAITEMENT PAR POINCONNAGE POUR NOYAU DE FER FEUILLETE ET PROCEDE DE FABRICATION DE NOYAU DE FER FEUILLETE**
|72| SENDA, KUNIHIRO, JP
|72| UESAKA, MASANORI, JP
|72| ODA, YOSHIHIKO, JP
|71| JFE STEEL CORPORATION, JP
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|54| **SYSTEME DE RESTAURATION DENTAIRE POUR INSTALLATION DE PROTHESES DE BRIDGE SUR DES IMPLANTS DENTAIRES MINIATURES**
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|72| RUSANOV, ALEKSANDR EVGEN'EVICH, RU
|72| LITVINOV, VIKTOR VIKTOROVICH, RU
|72| POPOV, VYACHESLAV VASIL'EVICH, RU
|72| SKURIKHINA, LYUDMILA VASIL'EVNA, RU
|72| KARPIN, ALEKSANDR DMITRIEVICH, RU
|71| JOINT STOCK COMPANY "AKME-ENGINEERING", RU
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|54| **METHODS AND SYSTEMS FOR IMPROVING PRECISION OF MEASUREMENTS FOR REDUCED SAMPLE VOLUMES**
|54| **PROCEDES ET SYSTEMES POUR AMELIORER LA PRECISION DE MESURES POUR DES VOLUMES D'ECHANTILLON REDUITS**
|72| CHAN, ANDY, US
|71| SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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|54| **COMPOSITION BIOCONSERVATRICE A BASE DE LACTOBACTERIES HETEROFERMENTATIVES FACULTATIVES POUR PREVENIR ET MAITRISER LA DEGRADATION DE PRODUITS CARNES FRAIS ET CUITS**
|72| MARTINEZ ROMERO, RODRIGO, MX
|72| ROMERO OROZCO, ROSA MARGARITA, MX
|72| MARTINEZ ROMERO, HUMBERTO, MX
|72| TREJO ESTRADA, SERGIO RUBEN, MX
|72| LAZO ZAMALLOA, OXANA, MX
|71| QUIMICA ROSMAR, S.A. DE C.V., MX
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[71] MAGNA INTERNATIONAL INC., CA
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[54] SYSTEMES E MISE EN PRISE A DISQUE ROTATIF HUMIDE A REFROIDISSEMENT PAR CALODUCS
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[72] HASSETT, TIMOTHY J., US
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[72] KARIOLIS, MIHALIS, US
[71] ARAVIVE BIOLOGICS, INC., US
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[54] SYSTEME DE MONTAGE DE PLATE-FORME ET PROCEDE
[72] STEFENACK, IAN, US
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[72] UMLAUF, BENJAMIN J., US
[71] SRI INTERNATIONAL, US
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[54] SYSTEME DE SECURITE DE SURVEILLANCE PERMETTANT DE COMMANDER ET DE LIMITER DES OPERATIONS DE SYSTEME AERIEN SANS PILOTE (UAS)
[72] THURLING, ANDREW JOSEPH, US
[72] MOHOS, JOSEPH F., US
[71] AEROVIRONMENT, INC., US
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[54] GENERATION D'ACIDE PEROXYFORMIQUE PAR L'INTERMEDIAIRE DE FORMIATE D'ALCOOL POLYHYDRIQUE
[72] LI, JUNZHONG, US
[72] BREWSTER, ALLISON, US
[72] STAUB, RICHARD, US
[72] LANGE, STEVEN, US
[72] CHERITU, TIZAZU, US
[72] FAST, JONATHAN P., US
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[71] ECOLAB USA INC., US
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[54] **VIS A OS**
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[54] **COMPOSES AMIDE DE QUINUCLIDINE A SUBSTITUANTS GEMINAL, EN TANT QU'AGONISTES DES RECEPTEURS NICOTINIQUES DE L'ACETYLCHOLINE ?7**
[72] ACHARYA, RAKSHA, US
[72] BURNETT, DUANE A., US
[72] BURSAVICH, MATTHEW GREGORY, US
[72] COOK, ANDREW SIMON, US
[72] HARRISON, BRYCE ALDEN, US
[72] KOENIG, GERHARD, US
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[54] **METHODS OF TREATING TISSUE CALCIFICATION**
[54] **METHODES DE TRAITEMENT D'UNE CALCIFICATION TISSULAIRE**
[72] QUINN, ANTHONY, US
[72] HSIA, NELSON, US
[72] KHAN, TAYEBA, US
[72] ASKEW, KIM LYNETTE, US
[72] GRABOWSKI, GREGORY, US
[72] CHENG, ZHILIANG, US
[72] O'NEILL, W. CHARLES, US
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[54] **METHODS FOR FORMING PEROXYFORMIC ACID AND USES THEREOF**
[54] **PROCEDES DE FORMATION D'ACIDE PEROXYFORMIQUE ET SES UTILISATIONS**
[72] BALASUBRAMANIAN, RAMAKRISHNAN, US
[72] LI, JUNZHONG, US
[72] STAUB, RICHARD, US
[72] KEASLER, VICTOR, US
[72] BENNETT, BRIAN, US
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[71] ECOLAB USA INC., US
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[54] **NANOPARTICLE COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY**
[54] **COMPOSITIONS DE NANOPARTICULES ET METHODES POUR L'IMMUNOTHERAPIE**
[72] MCCREEDY, BRUCE, US
[71] NEXIMMUNE, INC., US
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[54] **HEMOLYSIS DETECTION USING INTRACELLULAR ANALYTE CONCENTRATIONS**
[54] **DETECTION D'UNE HEMOLYSE A L'AIDE DE CONCENTRATIONS INTRACELLULAIRES D'ANALYTES**
[72] ZHANG, WEI, US
[72] HORAN, KEVIN, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-06-16
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[54] **REAL-TIME TRACKING AND MITIGATING OF BENDING FATIGUE IN COILED TUBING**
[54] **PISTAGE ET MODERATION EN TEMPS REEL DE LA FATIGUE DE FLEXION DANS UN TUBE SPIRALE**
[72] TURNER, ALAN CHARLES JOHN, GB
[72] GILLINGS, RICHARD IAN, GB
[72] COOPER, GEORGE STEWART, GB
[72] SHEPHERD, IAIN JAMES, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **HIGH-EFFICIENCY MOLTEN CARBONATE FUEL CELL SYSTEM AND METHOD**
[54] **SYSTEME DE PILE A COMBUSTIBLE AU CARBONATE FONDU A HAUT RENDEMENT ET PROCEDE**
[72] LAMBRECH, MATTHEW, US
[72] FAROOQUE, MOHAMMAD, US
[72] NIEDERHOFER, CARLA, US
[72] JAHNKE, FRED C., US
[72] VENKATARAMAN, RAMAKRISHNAN, US
[72] QUATANNENS, MICHAEL L., US
[71] FUELCELL ENERGY INC., US
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[54] **ANTI-RECOIL CONTROL DESIGN USING A HYBRID RISER TENSIONING SYSTEM IN DEEPWATER DRILLING**
[54] **MODELE DE COMMANDE ANTI-RECUL UTILISANT UN SYSTEME DE TENSION DE COLONNE MONTANTE HYBRIDE LORS DU FORAGE EN EAUX PROFONDES**
[72] WU, YIN, US
[72] BOURGEAU, EDWARD PETER KENNETH, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
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[54] **PROCESSES AND SYSTEMS FOR CATALYTIC MANUFACTURE OF WAX ESTER DERIVATIVES**
[54] **PROCEDES ET SYSTEMES DE FABRICATION CATALYTIQUE DE DERIVES D'ESTER DE CIRE**
[72] ADDY, JEFF, US
[72] DALY, CLAY, US
[72] BROWN, JAMES H., US
[71] INTERNATIONAL FLORA TECHNOLOGIES, LTD., US
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[54] **B CELLS FOR IN VIVO DELIVERY OF THERAPEUTIC AGENTS**
[54] **LYMPHOCYTES B POUR L'ADMINISTRATION IN VIVO D'AGENTS THERAPEUTIQUES**
[72] SCHOLZ, MATTHEW REIN, US
[72] HERBIG, ERIC J., US
[72] XU, MEI, US
[72] DE LAAT, RIAN, US
[71] IMMUSOFT CORPORATION, US
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[54] **PICOLINAMIDES PRESENTANT UNE ACTIVITE FONGICIDE**
[72] YAO, CHENGLIN, US
[72] MEYER, KEVIN G., US
[72] LU, YU, US
[72] LOY, BRIAN, US
[72] JONES, DAVID M., US
[72] HEEMSTRA, RONALD J., US
[72] EPP, JEFFREY B., US
[72] DELORBE, JOHNATHAN E., US
[72] DEKORVER, KYLE A., US
[72] DAEUBLE, SR. JOHN F., US
[71] DOW AGROSCIENCES LLC, US
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[54] **DEVICES, SYSTEMS AND METHODS FOR REMOVAL AND REPLACEMENT OF A CATHETER FOR AN IMPLANTED ACCESS PORT**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR LE RETRAIT ET LE REMPLACEMENT DE CATHETER POUR UN ORIFICE D'ACCES IMPLANTE**
[72] TALLARIDA, STEVEN J., US
[72] BUTZIGER, JOHN M., US
[72] RODGERS, RICHARD P., US
[71] VERSAGO VASCULAR ACCESS, INC., US
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[54] **IMPLANTS BIOCOMPATIBLES COMPRENANT DES CELLULES ENDOTHELIALES MISES AU POINT PAR GENIE GENETIQUE**
[72] GINSBERG, MICHAEL DANIEL, US
[72] NOLAN, DANIEL JOSEPH, US
[72] DAVIS, CLAUDE GEOFFREY, US
[71] ANGIOCRINE BIOSCIENCE, INC., US
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[54] **METHOD AND COMPOSITIONS FOR DISSOLVING OR SOLUBILIZING THERAPEUTIC AGENTS**
[54] **PROCEDE ET COMPOSITIONS PERMETTANT DE DISSOUDRE OU DE SOLUBILISER DES AGENTS THERAPEUTIQUES**
[72] STANDLEY, ADAM R., US
[72] NELLAIAPPAN, KALIAPPANADAR, US
[72] BUCHINE, BRENT A., US
[71] WINDGAP MEDICAL, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TARGETED DEPLETION, ENRICHMENT, AND PARTITIONING OF NUCLEIC ACIDS USING CRISPR/CAS SYSTEM PROTEINS**
[54] **COMPOSITIONS ET PROCEDES D'APPAUVRISSEMENT CIBLE, D'ENRICHISSEMENT ET DE SEPARATION D'ACIDES NUCLEIQUES UTILISANT LES PROTEINES DU SYSTEME CAS/CRISPR**
[72] CARPENTER, MEREDITH L., US
[72] BUSTAMANTE, CARLOS D., US
[72] GOURGUECHON, STEPHANE B., US
[71] ARC BIO, LLC, US
[85] 2017-06-16
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[54] **APPAREIL ORAL AJUSTABLE POUR L'APNEE DU SOMMEIL**
[72] VEIS, ROBIN, US
[71] SELANE PRODUCTS, INC., US
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[54] **PROTOCOLE DE MESSAGERIE**
[72] SOS-MUNOZ, VICENT, US
[72] WISE, JOHN W., US
[72] BOWDEN, JULIAN, US
[71] INVESTCLOUD INC, US
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[54] **SYNTHESE D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON**
[72] BENHAIM, CYRIL, BE
[72] CHEN, WEI, US
[72] GOLDMAN, ERICK, US
[72] HORVATH, ANDRAS, BE
[72] PYE, PHILIP, BE
[72] SMYTH, MARK S., US
[72] VERNER, ERIK J., US
[71] PHARMACYCLICS LLC, US
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **CONNECTION ASSEMBLY BETWEEN TWO COMPONENTS**
[54] **ENSEMBLE RACCORD ENTRE DEUX COMPOSANTS**
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[71] KHATIB, KINAN, CA
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[54] **METHOD AND SYSTEM FOR DETERMINATION OF FALSE ALARM**
[54] **PROCEDE ET SYSTEME POUR DETERMINATION DE FAUSSE ALARME**
[72] SAINTELLEMY, FRANTZ, CA
[72] TU, CHENGYU, CA
[72] DO, VAN-PHUOC, CA
[71] Q-LINKS HOME AUTOMATION INC., CA
[85] 2017-06-19
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[54] **APPARATUS FOR RECIPROCATION AND ROTATION OF A CONVEYANCE STRING IN A WELLBORE**
[54] **APPAREIL POUR VA-ET-VIENT ET ROTATION D'UNE COLONNE DE TRANSPORT DANS UN PUITS DE FORAGE**
[72] GOSSELIN, RANDY, CA
[71] SLURRY SOLUTIONS INC., CA
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[54] **IMMUNOTHERAPY TREATMENTS AND COMPOSITIONS**
[54] **TRAITEMENTS ET COMPOSITIONS D'IMMUNOTHERAPIE**
[72] EGGINK, LAURA L., US
[72] HOOBER, J. KENNETH, US
[71] SUSAVION BIOSCIENCES, INC., US
[85] 2017-06-16
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[54] **SENSOR ARRAY WITH ANTI-DIFFUSION REGION(S) TO EXTEND SHELF LIFE**
[54] **RESEAU DE CAPTEURS AVEC REGION(S) D'ANTI-DIFFUSION POUR ETENDRE LA DUREE DE CONSERVATION**
[72] ORVEDAHL, DONNA S., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-06-16
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[54] **POLYMER MIXTURE, MULTILAYER ARTICLE CONTAINING SAME, AND PROCESS OF PREPARING MULTILAYER ARTICLE**
[54] **MELANGE DE POLYMERES, ARTICLE MULTICOUCHE CONTENANT CELUI-CI, ET PROCEDE DE PREPARATION D'UN ARTICLE MULTICOUCHE**
[72] ZHANG, LIANG, CN
[72] LI, WEI, CN
[72] JIANG, JINGUI, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PEINTURE SOUS FORME D'EMULSION AQUEUSE PRESENTANT DES PROPRIETES DE DETACHAGE ET D'ANTI-COLMATAGE AMELIOREES**
[72] QIAN, ZHEN, CN
[72] ZHU, XUZHI, CN
[72] XU, JIANMING, CN
[72] ZHANG, QINGWEI, CN
[72] CUI, WEI, CN
[72] LIU, JINTAO, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **POLYMORPHIC SUBSTANCE OF YONKENAFIL HYDROCHLORIDE, PREPARATION METHOD THEREFOR, AND COMPOSITION AND USE THEREOF**
[54] **SUBSTANCE POLYMORPHE DE CHLORHYDRATE DE YONKENAFIL, SON PROCEDE DE PREPARATION, COMPOSITION A BASE DE LADITE SUBSTANCE ET UTILISATION DELADITE SUBSTANCE**
[72] ZHANG, HAIBO, CN
[72] CHEN, LINGWU, CN
[72] LU, XIANFENG, CN
[72] LIANG, HUIXING, CN
[72] WANG, YONGFENG, CN
[72] SHI, LIANYONG, CN
[72] LUO, HONGPENG, CN
[71] YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **FILTERATION ASSEMBLY FOR VACUUM CLEANER AND VACUUM CLEANER HAVING SAME**
[54] **ENSEMBLE FILTRATION UTILISE POUR UN ASPIRATEUR DE POUSSIERE, ET ASPIRATEUR DE POUSSIERE LE COMPORTANT**
[72] LIU, SHENGHUI, CN
[72] NIU, JUNYING, CN
[72] ZHAO, YAN, CN
[72] ZHANG, QI, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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[54] **DUST BIN ASSEMBLY FOR VACUUM CLEANER AND VACUUM CLEANER HAVING SAME**
[54] **ENSEMBLE POUBELLE POUR ASPIRATEUR ET ASPIRATEUR COMPRENANT CELUI-CI**
[72] LIN, YONGHUI, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[85] 2017-06-19
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[30] CN (201520261974.5) 2015-04-28

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[54] **COMMUTATION CONTROL METHOD AND COMMUTATION CONTROL APPARATUS**
[54] **PROCEDE DE COMMANDE DE COMMUTATION ET APPAREIL DE COMMANDE DE COMMUTATION**
[72] LU, DONGBIN, CN
[72] WANG, YONGPING, CN
[72] WANG, ZHENGXI, CN
[72] WANG, JUNSHENG, CN
[72] PAN, WEIMING, CN
[71] NR ELECTRIC CO., LTD., CN
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[25] EN
[54] **UPRIGHT VACUUM CLEANER**
[54] **ASPIRATEUR VERTICAL**
[72] HU, WEI, CN
[72] ZOU, HUI, CN
[72] XIAO, XIAHU, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
[85] 2017-06-19
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[72] HOSONO, TAKAHIRO, JP
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[71] KYOYU AGRI CO., LTD., JP
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[72] GONZALEZ GRANADOS, SERGIO, MX
[72] GOMEZ ANGULO, MIGUEL ANGEL, MX
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[54] **PROCEDE DE FABRICATION DE COMPOSANT AYANT UNE COUPE TRANSVERSALE EN FORME DE CHAPEAU**
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[72] MIYAGI, TAKASHI, JP
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[71] FUJITOMI CORPORATION, JP
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[54] **PROCEDE D'ESTIMATION DE REGIONS PRODUCTRICES DE DEFAUTS DE FORME DE SURFACE, PROCEDE D'ESTIMATION DE REGIONS SOURCES DE DEFAUTS DE FORME DE SURFACE, DISPOSITIF D'ESTIMATION DE REGIONS PRODUCTRICES DE DEFAUTS DE FORME DE SURFACE, DISPOSITIF D'ESTIMATION DE REGIONS SOURCES DE DEFAUTS DE FORME DE SURFACE, PROGRAMME ET SUPPORT D'ENREGISTREMENT**
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[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **DERIVE DE PYRAZOLYL-PYRAZOLE SUBSTITUE ET SON UTILISATION EN TANT QU'HERBICIDE**
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[54] **PROCEDE DE RECUPERATION DE STRUCTURES TUBULAIRES A PARTIR D'UN PUITS ET TRAIN D'OUTILS DE FOND DE TROU**
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[71] QINTERRA TECHNOLOGIES AS, NO
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[72] HOWELL, PERRY B., US
[72] EHLERS, DOUGLAS E., US
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[71] KAWAKITA INC., JP
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[54] **LIQUIDES DE TRAITEMENT EN EMULSION INVERSE COMPRENANT DES COMPOSES ORGANIQUES POLAIRES ET PROCEDES D'UTILISATION DANS DES OPERATIONS SOUTERRAINES**
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[54] **THERMOSTAT MONTE SUR PAROI ROTATIVE AYANT UN ELEMENT DE MISE A NIVEAU**
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[71] LENNOX INDUSTRIES INC., US
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[54] **APPAREIL DE FEUILLE POUR MACHINE A PAPIER, ET PROCEDE D'UTILISATION**
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[54] **PROCEDES DE PRODUCTION AMELIOREE DES VITAMINES D2 ET D3**
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[71] NUCELIS LLC, US
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[72] DURAND, PHILIPPE, FR
[72] DAVID, LAURENT, FR
[71] KALLISTEM, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S), FR
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[72] ARLINGHAUS, MARK E., US
[71] GENERAL MILLS, INC., US
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[54] **PROCEDE DE FABRICATION D'UN FIL DE NANOFIBRES DE GRANDE RESISTANCE A LA TRACTION**
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[72] SALMELA, JUHA, FI
[71] SPINNOVA OY, FI
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[54] **DISPOSITIF DE SEPARATION CYCLONIQUE POUR ASPIRATEUR VERTICAL, ET ASPIRATEUR VERTICAL PRESENTANT CE DERNIER**
[72] HU, WEI, CN
[72] ZOU, HUI, CN
[72] XIAO, XIAHU, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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[72] KLIMAS, SUSANN, DE
[71] HERAEUS MEDICAL GMBH, DE
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[54] **METHODE DE STERILISATION DE SOLUTIONS POLYSACCHARIDES AQUEUSES, ET SOLUTIONS POLYSACCHARIDES AQUEUSES STERILES**
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[54] **COMPOSITIONS AND METHODS FOR EFFICIENT TARGETING OF TRANSGENES**
[54] **COMPOSITIONS ET PROCEDES DE CIBLAGE EFFICACE DE TRANSGENES**
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[72] GOLEY, MICHAEL F., US
[72] LARUE, CLAYTON T., US
[72] LECLERE, SHERRY L., US
[72] QI, QUNGANG, US
[72] SHAO, AIHUA, US
[72] THAI, KWAN Y., US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **HYBRID PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION HYBRIDE**
[72] SENNOUN, MOHAMMED EL HACIN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **HYDROGEN GENERATION DEVICE**
[54] **DISPOSITIF DE PRODUCTION D'HYDROGENE**
[72] LELAH, MICHAEL, US
[72] MULHAUSER, PAUL, US
[72] RYE, STEVEN A., US
[71] MERCOLA.COM HEALTH RESOURCES, LLC, US
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[54] **MUTANTS DE PROTEINE RSV F**
[72] CHE, YE, US
[72] DORMITZER, PHILIP RALPH, US
[72] GRIBENKO, ALEXEY VYACHESLAVOVICH, US
[72] HANDKE, LUKE DAVID, US
[72] PRASAD, AVVARI KRISHNA, US
[72] QIU, XIAYANG, US
[72] RUPPEN, MARK EDWARD, US
[72] SONG, XI, US
[72] SWANSON, KENA ANNE, US
[72] KODALI, SRINIVAS, US
[72] XU, XIN, US
[72] EFFEREN, KARIANN SWEENEY, US
[72] CAI, PING, US
[72] TOMPKINS, KRISTIN RACHAEL, US
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[54] **MELANGE DE RESULTATS DE RECHERCHE SUR DES RESEAUX SOCIAUX EN LIGNE**
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[72] KESTEN, YUVAL, US
[72] LI, XIAO, US
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[54] **PROCESS FOR SEPARATION OF AT LEAST ONE METAL SULFIDE FROM A MIXED SULFIDE ORE OR CONCENTRATE**
[54] **PROCEDE POUR LA SEPARATION D'AU MOINS UN SULFURE METALLIQUE A PARTIR D'UN MINERAI OU D'UN CONCENTRE DE SULFURE MELANGE**
[72] TOMLINSON, MARCUS, CA
[72] MARTINEZ, TEODORO, MX
[72] HILLE, SIMON, CA
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[54] **COMPOSITES POLYMERES RENFORCES ENROBES PAR PULVERISATION THERMIQUE**
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[72] GHABCHI, ARASH, US
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[54] **INHIBITEURS DU VIRUS DE L'HEPATITE C**
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[72] TYMONKO, STEVEN, US
[72] PATEL, BHARAT P., US
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[54] **REVETEMENT DE PT-AL-HF/ZR ET PROCEDE ASSOCIE**
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[54] **DIRECT CURRENT ARC FAULT CIRCUIT INTERRUPTER, DIRECT CURRENT ARC FAULT DETECTOR, NOISE BLANKING CIRCUIT FOR A DIRECT CURRENT ARC FAULT CIRCUIT INTERRUPTER, AND METHOD OF DETECTINGARC FAULTS**
[54] **DISJONCTEUR DE DEFAUTS D'ARC EN COURANT CONTINU, DETECTEUR DE DEFAUTS D'ARC EN COURANT CONTINU, CIRCUIT DE SUPPRESSION DE BRUIT POUR UN DISJONCTEUR DE DEFAUTS D'ARC EN COURANT CONTINU ET PROCEDE DE DETECTION DE DEFAUTS D'ARC**
[72] HASTINGS, JEROME K., US
[72] ZUERCHER, JOSEPH C., US
[72] PAHL, BIRGER, US
[72] PIER, BRIAN T., US
[72] GISSKE, EDWARD T., US
[71] EATON CORPORATION, US
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[54] **METHODE ET SYSTEME DE REPORT D'UN PAIEMENT PAR MESSAGERIE TEXTE**
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[72] BALASUBRAMANIAN, CHANDRA, US
[71] CARDINALCOMMERCE CORPORATION, US
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[54] **PROCESS FOR THE SYNTHESIS OF 2-AMINOTHIAZOLE COMPOUNDS AS KINASE INHIBITORS**
[54] **PROCEDE DE SYNTHESE DE COMPOSES 2-AMINOTHIAZOLE COMME INHIBITEURS DE KINASE**
[72] MOUSSY, ALAIN, FR
[72] REGINAULT, PHILIPPE, FR
[72] BELLAMY, FRANCOIS, FR
[72] LERMET, ANNE, FR
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[54] **CLOSTRIDIUM HISTOLYTICUM ENZYMES AND METHODS FOR THE USE THEREOF**
[54] **ENZYMES DE CLOSTRIDIUM HISTOLYTICUM ET PROCEDES POUR LES UTILISER**
[72] HERBER, WAYNE K., US
[71] AUXILIUM INTERNATIONAL HOLDINGS, INC., US
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[54] **SYSTEMS, METHODS AND DEVICES FOR MONITORING BETTING ACTIVITIES**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DESTINES A SURVEILLER LES ACTIVITES DE PARI**
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[72] CAZAN, VLAD, CA
[71] ARB LABS INC., CA
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[54] **DIGITAL JUKEBOX DEVICE WITH KARAOKE AND/OR PHOTO BOOTH FEATURES, AND ASSOCIATED METHODS**
[54] **JUKEBOX NUMERIQUE AVEC FONCTIONS KARAOKE ET/OU CABINE PHOTO, ET PROCEDES ASSOCIES**
[72] RIVERA, ED, US
[72] TOOKER, MICHAEL, US
[72] GUY, FRANCOIS, US
[72] BEAUMIER, FRANCOIS, US
[72] BATTLE, CHARLES, US
[72] KHENFIR, MOUNIR, US
[72] GARNEAU, CHARLES, US
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[54] **ARRANGING FOR SHIPMENT OF A PACKAGE WITHOUT GENERATING A SHIPPING LABEL**
[54] **ORGANISATION DE L'EXPEDITION D'UN COLIS SANS GENERER D'ETIQUETTE D'EXPEDITION**
[72] GILLEN, ROBERT J., US
[72] LEWIS, MARK S., US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **APPARATUS AND METHODS FOR HEMODIALYSIS**
[54] **APPAREIL ET PROCEDES D'HEMODIALYSE**
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[72] GRANT, KEVIN L., US
[72] DEMERS, JASON A., US
[72] DALE, JAMES D., US
[72] COLLINS, DAVID E., US
[72] WILT, MICHAEL J., US
[72] PRESCOTT, SHANNON, US
[72] MARCEK, GEOFFREY A., US
[72] BODWELL, JESSE T., US
[72] CHAWAN, ARUN D., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **ISOLEMENT DE CELLULES SOUCHES/PROGENITRICES ISSUES DE LA MEMBRANE AMNIOTIQUE DU CORDON OMBILICAL**
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[72] LIM, IVOR JIUN, SG
[71] CELLRESEARCH CORPORATION PTE LTD, SG
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[72] SALMON, JOHN, CA
[72] DANIELS, ANDREW R., CA
[72] HODZA, MUAMER, CA
[71] MULTIMATIC INC., CA
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[54] **TOOL FOR USE ON EXIT SIDE OF BORE AND METHOD OF USE THEREOF**
[54] **OUTIL DESTINE A ETRE UTILISE SUR UN COTE SORTIE D'UN FORAGE ET PROCEDE D'UTILISATION ASSOCIE**
[72] RANDALL, GUY, US
[72] BIRD, JARED, US
[72] GENTRY, RICH, US
[71] AMERICAN AUGERS, INC., US
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[25] EN
[54] **RADIO BASE STATION APPARATUS, MOBILE TERMINAL APPARATUS, RADIO COMMUNICATION SYSTEM AND RADIO COMMUNICATION METHOD**
[54] **DISPOSITIF DE STATION DE BASE SANS FIL, DISPOSITIF DE TERMINAL MOBILE, SYSTEME DE COMMUNICATION SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**
[72] ABE, TETSUSHI, JP
[72] KISHIYAMA, YOSHIHISA, JP
[72] NAGATA, SATOSHI, JP
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[71] NTT DOCOMO, INC., JP
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[54] **ANALOGUES PUISSANTS DE LA COMPSTATINE**
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[72] KATRAGADDA, MADAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **DOMINANT GENE SUPPRESSION TRANSGENES AND METHODS OF USING SAME**
[54] **TRANSGENES DE SUPPRESSION DE GENE DOMINANT ET LEURS PROCEDES D'UTILISATION**
[72] CIGAN, ANDREW M., US
[72] FOX, TIMOTHY W., US
[72] HERSHEY, HOWARD P., US
[72] UNGER, ERICA, US
[72] WU, YONGZHONG, US
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BARBE ILLA, EDUARD FERRAN 2,970,703
BARBU, E. MAGDA 2,971,205
BARRACLOUGH, KEITH 2,971,218
BARTH, ANDREE 2,970,706
BARTON, LEN 2,967,740
BARUCH, YEHUDA 2,971,144
BATRA, HITESH 2,964,804
BAUERLE, PASCAL 2,966,806
BAUR, PETER 2,970,417
BAXTER CORPORATION ENGLEWOOD 2,969,451
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,970,563
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,970,747
BAYER CROPSCIENCE BIOLOGICS GMBH 2,970,747
BAZOOKA JANE, INC. 2,969,708
BEIGELMAN, LEONID 2,970,996
BEIRNE, RORY 2,970,573
BELL, JASON GLEN 2,971,158
BENHAIM, CYRIL 2,971,460
BENNETT, BRIAN 2,971,416
BENNING, JOCELYN 2,970,822
BENSON, TODD W. 2,967,324
BENZER, MARIO 2,967,838
BERGMAN, TODD M. 2,971,595
BERMAN, SOPHIA BETH 2,969,708
BERNARD, JULIEN 2,970,412
BERRIZBEITIA, JOSE MAURICIO 2,965,659
BERTRAND, GUY 2,970,412
BETANCOURT, AIMESTHER 2,971,224
BHP BILLITON OLYMPIC DAM CORPORATION PTY LTD 2,971,223
BIANCHI, ERNESTO GABRIEL 2,965,659
BIERI, KURT 2,970,624
BIERI, KURT 2,970,625
BIERI, KURT 2,970,634
BIERI, KURT 2,970,674
BILGER, LYNN 2,971,182
BISWAL, BIBHUDATTA 2,971,133
BLACKMAN, DAVIDA 2,971,359
BLADT, FRIEDHELM 2,970,391
BLADT, FRIEDHELM 2,970,394
BLUE SOLUTIONS 2,967,918
BOGER, YUVAL 2,971,163
BOHANNON, PHILIP LEWIS 2,971,154
BOMBARDIER INC. 2,967,557
BOND, MIKE 2,969,493
BORDER, ELLEN 2,963,332
BOREALIS AG 2,970,392
BORTHWICK, ALAN DAVID 2,970,574
BOSSIO, ROBERT JOSEPH 2,969,451
BOSTON SCIENTIFIC SCIMED, INC. 2,968,055
BOSTYN, FREDERIC 2,970,588
BOUCHER, NICOLAS 2,970,212
BOUESNARD, OLIVIER 2,970,212
BOURGEAU, EDWARD PETER KENNETH 2,971,428
BOURNE, ORSON 2,971,232
BOUTELL, JONATHAN MARK 2,966,442

BOUWMAN, ALBERTUS JACOBUS MARIA 2,970,432
BOWDEN, JULIAN 2,971,451
BP P.L.C. 2,970,558
BRADSHAW, BRIAN 2,971,221
BRAIS, NORMAND 2,971,014
BRANNAN, JOSEPH D. 2,971,277
BRASCH, JOHN J. 2,971,575
BRATCHER, BARRY 2,971,151
BRENNER, STEFFEN 2,970,559
BRERETON, TIMOTHY J. 2,971,117
BREWER, JOEL 2,971,099
BREWSTER, ALLISON 2,971,411
BREWSTER, ALLISON 2,971,416
BREXELER, INGO 2,971,496
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,970,822
BROCKE, JENS 2,970,741
BRODOWSKI, DAVID M. 2,971,117
BROOKS, LAURA 2,966,084
BROOKS, LAURA 2,967,624
BROPHY, COLLEEN 2,967,621
BROUWER, JAN-WILLEM 2,970,405
BROWN, ANTHONY R. 2,969,076
BROWN, JAMES H. 2,971,429
BROWN, JANE THERESA 2,970,574
BROWN, KATHLYNN C. 2,971,408
BRUNNER, HEIKO 2,970,560
BUCHINE, BRENT A. 2,971,440
BUCKUS, ANDREW J.H. 2,968,055
BUFFINGTON, JOHN 2,968,506
BURNETT, DUANE A. 2,971,413
BURSAVICH, MATTHEW GREGORY 2,971,413
BURY, MARK A. 2,970,407
BURY, MARK A. 2,970,409
BUSTAMANTE, CARLOS D. 2,971,444
BUSUTTIL, JOHN 2,967,343
BUTZIGER, JOHN M. 2,971,215
BUTZIGER, JOHN M. 2,971,434
BYRNE, RONAN 2,970,573
CABOT CORPORATION 2,967,308
CADY, KYLE C. 2,971,205
CALBERG, CEDRIC 2,970,257
CANALES ESPINOSA DE LOS MONTEROS, CARLOS 2,971,565
CAO, LIWEI 2,965,982
CAPALDI, CARMELIDA 2,970,664
CAPANNELLI, GERARDO 2,971,138
CAPANNELLI, GUSTAVO 2,971,138
CAPLAIN, ANTOINE 2,970,412
CARDIORA PTY LTD 2,971,071
CARDOSO, MARIANA B. 2,967,658
CARIDIS, ANDREW ANTHONY 2,971,553
CAROMA INDUSTRIES LIMITED 2,971,074
CARPENTER, MEREDITH L. 2,971,444
CARPENTER, MICHAEL 2,970,584
CARTER, EDWARD 2,963,332
CASALE SA 2,970,395
CASTONGUAY, JEAN 2,971,229
CATERPILLAR INC. 2,969,526
CAYABYAB, RONALDO C. 2,969,111
CELGENE ALPINE INVESTMENT COMPANY II, LLC 2,971,583
CENTAURUS BIOPHARMA CO., LTD. 2,971,114
CENTRE HOSPITALIER DE L'UNIVERSITE DE MONTREAL 2,971,364
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S) 2,971,623
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,967,918
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,970,748
CENTRO DE INVESTIGACION BIOMEDICA EN RED 2,970,703
CEPOLINA, SARA 2,971,138
CHAIKO, DAVID J. 2,971,222
CHAIKO, DAVID J. 2,971,352
CHAN, ANDY 2,971,389
CHEESEMAN, WILLIAM WINFIELD 2,960,289
CHEN, BEN 2,965,982
CHEN, CHONG 2,965,355
CHEN, GUANG 2,960,982
CHEN, LEI 2,963,365
CHEN, LINGWU 2,971,484
CHEN, QIANRUI 2,971,225
CHEN, SONGHUA 2,971,158
CHEN, TEDDY 2,967,324
CHEN, WEI 2,971,460
CHEN, YUAN 2,971,226
CHENEY, JUSTIN LEE 2,971,202
CHENG, ANDREW A. 2,971,199
CHENG, LINDA 2,967,390
CHENG, MARIA 2,967,390
CHENG, ZHILIANG 2,971,414
CHERITU, TIZAZU 2,971,411
CHERNOV, MICHAIL EFIMOVICH 2,971,131
CHERNOV, MICHAIL EFIMOVICH 2,971,160
CHEVRON U.S.A. INC. 2,967,462
CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD 2,971,114
CHIESI FARMACEUTICI S.P.A. 2,970,664
CHOI, HYANG 2,971,024
CHOI, KENNETH 2,971,115
CHOI, SOONGYU 2,971,024
CHOI, YONGKI 2,971,268
CHOW, SEAN 2,969,111
CHOWDHURY, ASHFAQUL ISLAM 2,967,642
CHUC GAMBOA, EDUARDO ADRIAN 2,967,298
CHUDOVA, DARYA I. 2,970,501
CIASULLI, JOHN 2,969,452
CINDRICH, CHRISTOPHER 2,969,110
CLARIANT INTERNATIONAL LTD 2,970,417
CLARK, MICHAEL ROBERT 2,971,190
CLAYTON, ERIK H. 2,967,300
CLINE, GARY ALLAN 2,971,583
CLOSSET, FRANCOIS 2,970,212
CMG PHARMACEUTICAL CO., LTD. 2,971,024
COBURN, STEVEN 2,970,822
COGNISENS INC. 2,971,229
COLDWATER SEALS, INC. 2,971,607
COLGATE-PALMOLIVE COMPANY 2,970,622
COLGATE-PALMOLIVE COMPANY 2,970,624
COLGATE-PALMOLIVE COMPANY 2,970,625
COLGATE-PALMOLIVE COMPANY 2,970,634
COLGATE-PALMOLIVE COMPANY 2,970,674
COLGATE-PALMOLIVE COMPANY 2,970,676
COLGATE-PALMOLIVE COMPANY 2,970,677
COLGATE-PALMOLIVE COMPANY 2,970,708
COLLINS, PHILIP G. 2,971,268
COLSTON, MICHAEL 2,962,832
COMBEAU, ERIC 2,967,549
COMITE, ANTONIO 2,971,138
COMPAGNIE GENERALE DE CONSERVE 2,970,393
COMPAGNIE GENERALE DES ESTABLISSEMENT MICHELIN 2,971,124
COMPAGNIE GERVAIS DANONE 2,970,476
COMSTOCK, DAVID A. 2,970,501
CONANT, TYLER 2,964,772
CONOCOPHILLIPS COMPANY 2,971,099
CONRAD, LEONARD 2,971,074
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 2,970,402
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 2,970,407
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 2,970,409
COOK, ANDREW SIMON 2,971,413
COOPER, GEORGE STEWART 2,971,423
CORAZZA, FABIO 2,971,138
CORCORAN, JONATHAN PATRICK THOMAS 2,970,574
CORLEY, LARRY STEVEN 2,971,091
CORONAS CERESUELA, JOAQUIN 2,970,572
COVIDIEN LP 2,971,277
CRAWFORD, PETER 2,971,075
CREMER, MELISSA D. 2,966,773
CRYPTOMATHIC LTD 2,969,493
CUI, WEI 2,971,482
CULLEN, BARRY 2,970,573
CUMMINGS, STEPHEN JOHN 2,971,074
CURRAN, SEAMUS 2,967,755

DA SILVA FILHO, ELOI ALVES 2,966,650
DAEUBLE, SR. JOHN F. 2,971,433
DAEWOONG CO., LTD. 2,968,041
DAEWOONG CO., LTD. 2,968,044
DAEWOONG CO., LTD. 2,968,050
DAHLEN, KRISTIAN 2,970,392
DAI, LIGUANG 2,971,114
DALY, CLAY 2,971,429
DAME, JOCELYN 2,971,014
DAMMASCH, MATTHIAS 2,970,560
DANONE S.A. 2,970,476
DAVID, LAURENT 2,971,623
DAVIDSON, MATTHEW 2,971,279
DAVIES, PAUL HOWARD 2,969,104
DAVIS, CLAUDE GEOFFREY 2,971,439
DAVISON, IAN 2,971,204
DB NETZ AG 2,970,403
DE CASTRO VASCONCELOS GONCALVES, MARIA BEATRIZ 2,970,574
DE LAAT, RIAN 2,971,430
DE MELO, CARLOS VITAL PAIXA 2,966,650
DE NARDIS, MARCO 2,967,910
DEAN, ERIC 2,966,838
DECARLIS, ROBERT 2,970,412
DEGRAYE, TIMOTHY 2,971,147
DEGREGORIO, MICHAEL W. 2,971,216
DEKORVER, KYLE A. 2,971,433
DEL RIO, ALESSANDRA 2,970,577
DELORBE, JOHNATHAN E. 2,971,433
DEMARQUILLY, FRANCIS 2,967,549
DENG, JUN 2,971,077
DENG, JUN 2,971,494
DESANTIS, CRAIG W. 2,971,595
DESCHAMPS, MARC 2,967,918
DESHPANDE, ABHIMANYU PRAMOD 2,971,157
DESHPANDE, RAVINDRA 2,971,595
DESPATIS PAQUETTE, BENOIT 2,971,014
DETHREE RES. LAB. INC. 2,971,125
DEVILLE, JAY PAUL 2,971,588
DEVORE, DENISE 2,967,851
DEWACKER, SETH R. 2,971,583
DHAL, PRADEEP K. 2,971,204
DI DIO, MAURIZIO 2,971,138
DIENNO, DUSTIN V. 2,967,866
DILLARD, WALTER S. 2,967,813
DIPETRILLO, CHRISTEN G. 2,971,205
DIPPE, RALF 2,971,239
DITTUS, SEBASTIAN 2,970,555
DO, VAN-PHUOC 2,971,467
DOANE, JAMES 2,967,386
DOCUMENT STORAGE SYSTEMS, INC. 2,969,141
DODDS, JACK 2,971,234
DOGUET, PASCAL 2,970,400
DOLL, ALEXANDER 2,969,761
DOMINGUEZ MORENO, MANUEL 2,970,476
DOPPEN, ROY GERARD 2,970,432
DORFLER, WALTER 2,970,398
DORVLO, SELASSIE 2,970,583
DORVLO, SELASSIE 2,970,584
DOUGLAS, CRAIG 2,969,781
DOW AGROSCIENCES LLC 2,971,433
DOW GLOBAL TECHNOLOGIES LLC 2,971,481
DOW GLOBAL TECHNOLOGIES LLC 2,971,482
DOYLE, DOMINIC 2,971,320
DOYLE, DOMINIC 2,971,523
DUAN, PING 2,967,386
DUAN, XIAOWEI 2,971,114
DUCKETT, JEANNE F. 2,969,438
DUENWALD, SVEN 2,970,501
DUMAS, PIERRE 2,967,726
DUMOULIN, SANDRYNE 2,971,224
DUNBAR, BRADLEY DAVID 2,971,150
DUNHAM, MICHAEL G. 2,967,866
DUNN, STEVEN BRYAN 2,970,656
DUQUESNE UNIVERSITY OF THE HOLY SPIRIT 2,971,606
DURAND, PHILIPPE 2,971,623
DYATKINA, NATALIA 2,970,996
DYSON TECHNOLOGY LIMITED 2,969,781
DZIENGELESKI, SETH M. 2,965,364
EA PHARMA CO., LTD. 2,971,380
ECO NET LTD. 2,971,547
ECOLAB USA INC. 2,971,411
ECOLAB USA INC. 2,971,416
ECOLE NORMALE SUPERIEURE DE LYON 2,971,623
EDICO GENOME CORPORATION 2,971,589
EDWARDS LIFESCIENCES CORPORATION 2,969,111
EGGINK, LAURA L. 2,971,471
EHLERS, DOUGLAS E. 2,971,575
EIBEN, UTE 2,970,747
EIBL, CAMERON 2,971,202
EKDUNGE, PER 2,967,940
EKDUNGE, PER 2,967,942
ELDER, DAVID 2,970,581
ELLSWORTH, JUSTIN ALAN 2,969,753
ELLSWORTH, JUSTIN ALAN 2,969,757
EMEOTT, STEPHEN P. 2,971,176
ENDO, TSUYOSHI 2,971,125
ENDOU, HITOSHI 2,971,125
ENTREMATIC BELGIUM NV 2,970,588
ENVAC OPTIBAG AB 2,970,735
EPP, JEFFREY B. 2,971,433
ERANA, MICHAEL F. 2,971,117
ERCROS, S.A. 2,970,572
ERDEM, BEDRI 2,971,091
ESPANA MARAVER, FRANCISCO JOSE 2,970,572
ESPERA-WERKE GMBH 2,971,239
EWALD, RON KAI JURGEN 2,969,784
EXERGYN LIMITED 2,970,573
EXTEND BIOSCIENCES, INC. 2,964,463
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,967,300
EYZAGUIRRE, CARLOS 2,971,352
F.HOFFMANN-LA ROCHE AG 2,970,580
FACEBOOK, INC. 2,971,154
FACEBOOK, INC. 2,971,155
FAGRELL, OLA 2,970,392
FAN, HONGYU 2,971,365
FARLEY, JAMES M. 2,967,416
FARLEY, JAMES M. 2,967,660
FARMHANNONG CO., LTD. 2,967,935
FAROOQUE, MOHAMMAD 2,971,427
FARRINGTON, STEPHEN A. 2,970,402
FARRINGTON, STEPHEN A. 2,970,407
FAST BEAM OY 2,968,303
FAST, JONATHAN P. 2,971,411
FATHYM, INC. 2,967,302
FAUBERT, JOCELYN 2,971,229
FEDERAL-MOGUL MOTORPARTS LLC 2,967,434
FEIN, MICHAEL 2,969,076
FEIN, SEYMOUR H. 2,967,390
FELIPE, MARY JANE 2,967,654
FENG, RUI 2,960,982
FENG, TAO 2,971,088
FERAUD, ALBAN 2,969,495
FERGUSON, EWEN 2,970,558
FERGUSON, F. MARK 2,969,110
FILIPPI, ERMANNO 2,970,395
FIRTH, AVA MARIE 2,968,324
FLABBI, PAOLA 2,970,476
FLEETWOOD, JON 2,967,767
FLOSSER, DAVID 2,971,091
FLSMIDTH A/S 2,971,222
FLSMIDTH A/S 2,971,352
FLUID HANDLING LLC 2,971,199
FONSECA, BENEDITO J. JR. 2,971,176
FONTECAL S.P.A. 2,967,910
FOODS-I CO., LTD. 2,946,134
FORD, LAWRENCE A. 2,967,848
FORD, LAWRENCE A. 2,967,849
FORLANI, CHRISTIAN 2,970,581
FRAIM, MICHAEL 2,971,084
FRANKENBERG, JASON R. 2,971,403
FRANZ, PETER 2,970,398
FREITAG, ANGELIKA 2,970,577
FRIESE-HAMIM, MANJA 2,970,391
FRIESE-HAMIM, MANJA 2,970,394
FU, LI 2,971,365
FUELCELL ENERGY INC. 2,971,427
FUERSTSMAN, MICHAEL 2,967,462
FUHSE, CHRISTIAN 2,970,398
FUJIMOTO, KOHEI 2,971,130
FUJITOMI CORPORATION 2,971,560
FULMER, DAVID N. 2,967,654
FUNDACION PARA LA INVESTIGACION DEL HOSPITAL UNIVERSITARIO Y POLITECNICO LA FE DE LA COMUNIDAD VALENCIANA 2,970,703
FURLAN, WAYNE 2,967,386
FURLAN, WAYNE R. 2,966,519
FURUHASHI, TAKAMASA 2,971,558
FURUKAWA, HIROYASU 2,960,020
FURUKAWA, MASAAKI 2,971,585
FURUKAWA, YUKI 2,971,558

GALAPAGOS NV 2,970,759
GALLO, FEDERICO G. 2,967,300
GAMBATESA, DARREN 2,970,402
GANGJEE, ALEEM 2,971,606
GAO, WEIBO 2,971,080
GARCIA FABREGAS, RUBEN 2,971,526
GARCIA, FLORENCIO 2,967,642
GARCIA, PATRICIA 2,971,091
GARCIA, TERESA 2,970,759
GARZON, LAVIH 2,965,132
GARZON, MAURICE 2,965,132
GARZON-RODRIGUEZ, WILLIAM 2,971,359
GAUBICHER, JOEL 2,967,918
GAUGLITZ, WOLFRAM K. 2,971,254
GAYDOS, CHRISTOPHER D. 2,971,595
GEBO CERMEX CANADA INC. 2,971,350
GEBR. KRALLMANN GMBH 2,971,496
GEER, KAYLA LOUISE 2,969,708
GENERAL ELECTRIC COMPANY 2,967,642
GENERAL ELECTRIC TECHNOLOGY GMBH 2,970,582
GENERAL MILLS, INC. 2,971,629
GENZYME CORPORATION 2,971,204
GEORGE, GERALD G. 2,967,813
GEOTECH LTD. 2,971,234
GERRY, ANDREW 2,963,332
GHANNAM, SOUFIANE 2,971,364
GHIRELLI, FEDERICO 2,967,940
GHIRELLI, FEDERICO 2,967,942
GIACCIA, AMATO J. 2,971,406
GIESECKE & DEVRIENT GMBH 2,970,398
GILLINGS, RICHARD IAN 2,971,423
GILLMORE, MATTHEW KEITH 2,968,506
GINSBERG, MICHAEL DANIEL 2,971,439
GIRLANDO, VINCENZO 2,970,154
GLAESER, FRANK 2,970,741
GLOBAL WATER HOLDINGS, LLC 2,971,084
GLOWCZWSKI, DAVID M. 2,967,417
GMAX BIOPHARM LLC. 2,971,491
GOBBER, CEDRIC 2,971,523
GOLDMAN, ERICK 2,971,460
GOLDMAN, GABRIEL 2,969,708
GOMEZ ANGULO, MIGUEL ANGEL 2,971,553
GONZALEZ GRANADOS, SERGIO 2,971,553
GOODSON, JAMES EDWARD 2,966,519
GOPALAKRISHNA, SRINIDHI BANGALORE 2,967,400
GOSSELIN, PATRICK 2,971,224
GOSSELIN, RANDY 2,971,470
GOURGUECHON, STEPHANE B. 2,971,444
GOUTOPOULOS, ANDREAS 2,954,681
GOWER COLLEGE SWANSEA 2,969,104
GOZAL, DAVID 2,970,703
GRABOWSKI, GREGORY 2,971,414
GRACIA GORRIA, FRANCISCO ANDRES 2,970,572
GRANGER, MAURICE 2,952,523
GRANGER, MAURICE 2,952,528
GREIG, IAIN ROBERT 2,970,578
GROM, ROBERT 2,969,076
GRUN, CHRISTIAN HUGO 2,969,784
GRUPO P.I MABE, S.A. DE C.V. 2,971,565
GRUTTER, GERARDUS JOHANNES MARIA 2,970,034
GU, JAMES J. 2,971,199
GUAN, XIUWEI 2,971,080
GUEGLER, KARL 2,971,169
GUILLORY, BRITTNEY NICOLE 2,971,157
GUO, BING BING 2,967,654
GUPTA, ALOK KUMAR 2,967,298
GUY, HANOCH 2,970,374
GUYOMARD, DOMINIQUE 2,967,918
H.B. FULLER COMPANY 2,967,859
HA, HENGXU 2,970,582
HAINSWORTH, JOHN 2,971,526
HALDAR, AMRITA 2,967,755
HALES, LAURA M. 2,964,463
HALL ELEMENT DEVICES LIMITED 2,971,535
HALL, DANIEL B. 2,964,463
HALLIBURTON ENERGY SERVICES, INC. 2,971,098
HALLIBURTON ENERGY SERVICES, INC. 2,971,150
HALLIBURTON ENERGY SERVICES, INC. 2,971,157
HALLIBURTON ENERGY SERVICES, INC. 2,971,158
HALLIBURTON ENERGY SERVICES, INC. 2,971,159
HALLIBURTON ENERGY SERVICES, INC. 2,971,423
HALLIBURTON ENERGY SERVICES, INC. 2,971,572
HALLIBURTON ENERGY SERVICES, INC. 2,971,588
HAMER, MALCOLM 2,970,737
HAMMOND, TERRY EMERSON 2,971,178
HAN, KEE DO 2,970,704
HAN, YONGXIN 2,971,114
HAN, YUNJUNG 2,967,935
HANAO, MASAHITO 2,971,130
HANCHETT, MARK A. 2,964,772
HANDOK INC. 2,971,024
HANEKAMP, DAVID A., JR. 2,959,230
HANSEN, LARS ELMEKILDE 2,970,414
HANSEN, PETER K. 2,971,188
HANSON, CATHERINE 2,971,411
HANWHA CHEMICAL CORPORATION 2,970,704
HAPTECH, INC. 2,967,831
HARANO, AYA 2,971,124
HARI, ABARAJITH S. 2,967,417
HARLEY, CALVIN 2,971,169
HARLIN, ALI 2,971,637
HARRISON, BRYCE ALDEN 2,971,413
HARTMAN, CODY L. 2,967,866
HARWELL, RODDY 2,971,150
HASEGAWA, TAKEO 2,971,560
HASSETT, TIMOTHY J. 2,971,404
HATHERILL, MARK A. 2,970,656
HAULOTTE GROUP 2,970,555
HAWE, ANDREA 2,970,577
HAY, SID 2,971,075
HAYES, CONOR 2,963,332
HAYWARD, ADAM SIMON 2,967,658
HE, XIANGYU 2,971,118
HEALD, ROBERT ANDREW 2,970,664
HEAT AND CONTROL INC. 2,971,553
HEDGES, CHRISTOPHER WILLIAM 2,969,781
HEEMSTRA, RONALD J. 2,971,433
HEGDE, VISHNUMURTHY 2,964,463
HEINE, ASTRID 2,970,398
HEINRICHS, BENOIT 2,970,257
HELLEN, ADAM 2,895,519
HELLSTROM, STEFAN 2,970,392
HENDRIX, CURT 2,971,106
HENKEL AG & CO. KGAA 2,970,405
HENZE, NATASCHA 2,970,405
HERBIG, ERIC J. 2,971,430
HERR, QUENTIN P. 2,968,847
HERSCHKOWITZ, SAMUEL 2,967,390
HEUS, MARTIN 2,970,432
HEXION INC. 2,971,091
HIATT, EMMETT ERNEST, III 2,971,151
HIDALGO, JULISSA 2,970,409
HIDAYAT, ASTRID 2,971,572
HIRANO, MASUHARU 2,971,125
HIRTSIEFER, ARTUR 2,970,631
HO, JEANNETTE 2,971,113
HODGSON, PHILLIP 2,971,155
HODOWANEC, MARK 2,971,404
HOFFMAN, PAUL 2,971,589
HOHL, WOLFGANG 2,970,579
HOLTIN, ULRICH 2,967,859
HOLTZ, DAVID MICHAEL 2,968,667
HONDA MOTOR CO., LTD. 2,971,376
HOOBER, J. KENNETH 2,971,471
HORAN, KEVIN 2,971,422
HORNE, GEORGE MARSHALL 2,971,190
HORRELL, MICHAEL 2,969,452
HORVATH, ANDRAS 2,971,460
HOSCH, TIMOTHY A. 2,967,837
HOSONO, TAKAHIRO 2,971,549
HOUGH, PAUL A. 2,971,595
HOWARD, STEPHEN 2,971,280
HOWE, JOHN ROBERT 2,971,170
HOWELL, PERRY B. 2,971,575
HOWELL, SHAQUIRIA S. 2,967,300
HPEV, INC. 2,971,404
HSIA, NELSON 2,971,414
HU, WANQING 2,954,294
HU, WEI 2,971,082
HU, WEI 2,971,231
HU, WEI 2,971,488
HU, WEI 2,971,492
HU, WEI 2,971,499
HU, WEI 2,971,500
HU, WEI 2,971,505

HU, WEI 2,971,638
HU, YUANDONG 2,971,114
HUANG, KEJI 2,963,365
HUANG, WEI HSUAN 2,971,572
HUANG, WENTAO 2,970,582
HUAWEI TECHNOLOGIES CO., LTD. 2,954,294
HUAWEI TECHNOLOGIES CO., LTD. 2,960,982
HUAWEI TECHNOLOGIES CO., LTD. 2,963,365
HUAWEI TECHNOLOGIES CO., LTD. 2,965,982
HUAWEI TECHNOLOGIES CO., LTD. 2,971,230
HUBERT, STEFAN 2,969,761
HUEBSCHLE, THOMAS 2,971,204
HUFFENUS, MARIE 2,971,350
HUFFMAN, JOHN 2,969,076
HUGUET, LILIANE 2,971,147
HUME, STEVEN D. 2,971,151
HUMPHREY, KEITH 2,967,624
HUNDT, GREG ROBERT 2,971,157
HUSQVARNA AB 2,967,767
HUSSEIN, FATHI DAVID 2,967,660
HYVONEN, ANTTI 2,968,303
IFRACH, BAR 2,968,667
IHI CORPORATION 2,971,026
ILLUMINA CAMBRIDGE LIMITED 2,966,442
IMANAKA, TADAYUKI 2,971,379
IMHOF, MARTIN 2,970,398
IMMUNE MACRO-BIOTIC TECHNOLOGY UK LIMITED 2,967,890
IMMUSOFT CORPORATION 2,971,430
INBUBBLES INC. 2,971,228
INNOVA PATENT GMBH 2,967,838
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,970,748
INSTITUT D'INVESTIGACIONS BIOMEDIQUES AUGUST PI I SUNYER (IDIBAPS) 2,970,751
INSTITUT DE RECERCA BIOMEDICA DE LLEIDA FUNDACIO DOCTOR PIFARRE 2,970,703
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) 2,971,623
INTERFACE BIOLOGICS, INC. 2,971,113
INTERNATIONAL FLORA TECHNOLOGIES, LTD. 2,971,429
INTUIT INC. 2,959,230
INVENTURE CIVIL, LLC 2,971,117
INVESTCLOUD INC 2,971,451
IOUALALEN, ARNAULT 2,970,551
IRVINE, DAVID 2,971,218
ISCAR LTD. 2,970,374
ITALCEMENTI S.P.A. 2,971,138
ITRON, INC. 2,968,506
IWATA, HIROSHI 2,971,380
IWAWAKI, YUJI 2,971,558
J-PHARMA CO., LTD. 2,971,125
J. BRASCH CO., LLC 2,971,575
JAASKELAINEN, MIKKO 2,971,159
JACKSON, EILEEN K. 2,966,773
JAHNKE, FRED C. 2,971,427
JAKHETE, SANJEEV 2,971,084
JAMIDON LTD. 2,971,143
JAMISON, DALE E. 2,971,588
JANSSEN PHARMACEUTICA NV 2,971,460
JASKIERSKI, ANTHONY J. 2,971,595
JENKINS, RICHARD P. 2,969,110
JENSEN, KLAVS F. 2,971,626
JEON, JINSEOK 2,895,519
JEONG, HANKYUL 2,971,024
JFE STEEL CORPORATION 2,971,381
JI, LEO 2,971,099
JI, XUNMING 2,971,225
JIANG, JINGUI 2,971,481
JIANG, YAN 2,971,491
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,082
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,226
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,231
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,236
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,485
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,486
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,488
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,492
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,495
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,499
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,500
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,505
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,971,638
JIMENEZ, EDUARDO J. 2,970,622
JIMENEZ, EDUARDO J. 2,970,624
JIMENEZ, EDUARDO J. 2,970,625
JIMENEZ, EDUARDO J. 2,970,634
JIMENEZ, EDUARDO J. 2,970,674
JIMENEZ, EDUARDO J. 2,970,676
JIMENEZ, EDUARDO J. 2,970,677
JIMENEZ, EDUARDO J. 2,970,708
JING, SHUQIAN 2,971,491
JOHANSSON, MATS 2,967,740
JOHN, EDWARD 2,970,822
JOHNSON, JENNY A. 2,970,580
JOHNSON, NEVIN D. 2,970,656
JOIN STOCK COMPANY ATOMENERGOPROEKT 2,971,132
JOINT STOCK COMPANY "AKME-ENGINEERING" 2,971,131
JOINT STOCK COMPANY "AKME-ENGINEERING" 2,971,160
JOINT STOCK COMPANY "AKME-ENGINEERING" 2,971,387
JOINT STOCK COMPANY "ATOMENERGOPROEKT" 2,971,148
JOINT STOCK COMPANY "ATOMENERGOPROEKT" 2,971,153
JONES, DAVID M. 2,971,433
JONES, NICOLAS 2,966,084
JONES, NICOLAS 2,967,624
JONES, PAUL JOSEPH 2,971,157
JONGEN, HUBERTUS JOHANNES 2,970,432
JUERS, STEFAN 2,967,859
JUNG, KI TAEG 2,970,704
JUNG, MYUNG EUN 2,971,024
JUPP, NICOLA 2,966,084
JUPP, NICOLA 2,967,624
KALINDJIAN, SARKIS BARRET 2,970,574
KALLISTEM 2,971,623
KALMARNA LIMITED 2,968,324
KALOUS, SCOTT D. 2,969,108
KAMAT, RAJEEV G. 2,967,464
KANDULA, RAMU 2,971,107
KANDULA, RAMU 2,971,133
KANDULA, RAMU 2,971,134
KANG, SUNG KEUN 2,968,048
KANNO, YUJI 2,971,124
KARASAHIN, SENGUL 2,970,560
KARCHER, JEFFREY DWANE 2,971,157
KARIOLIS, MIHALIS 2,971,406
KARPIN, ALEKSANDR DMITRIEVICH 2,971,387
KARRA, SRINIVASA R. 2,954,681
KARUNARATNE, JOHANN 2,971,074
KASSIANOFF, EDOUARD 2,970,942
KATTEB, RALPH 2,969,141
KAWAHARA, YOSHIHIRO 2,971,545
KAWAKITA INC. 2,971,585
KAWAKITA, YASUHIRO 2,971,585
KAWAKITA, YUKITOMO 2,971,585
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,971,378
KAYE, DAVID 2,971,071
KAYSER, STEFAN 2,970,559
KBA-NOTASYS SA 2,965,451
KEASLER, VICTOR 2,971,416
KECK-ANGERER, ANGELIKA 2,970,398
KEHRER, KENNETH P. 2,971,595
KENNEDY, MICHAEL E. 2,967,848
KENNEDY, MICHAEL E. 2,967,849
KENTUCKY BIOPROCESSING, INC. 2,971,151
KEOWN, EUGENE 2,970,584
KHALYFA, ABDELNABY 2,970,703
KHAN, TAYEBA 2,971,414
KHATIB, KINAN 2,971,464
KHOSLA, SUNIL 2,970,410
KIENER, FLORIAN 2,969,761
KIM, HYE KYOUNG 2,971,024
KIM, HYO SUK 2,970,704
KIM, HYUN JUNG 2,971,024

KIM, JAY HAK 2,971,024
KIM, KYOUNG-YUN 2,968,041
KIM, KYOUNG-YUN 2,968,044
KIM, KYOUNG-YUN 2,968,050
KIM, MISOON 2,971,024
KIM, MOONSOO 2,971,024
KIM, SUNG-MIN 2,968,048
KIM, YOUNG JO 2,970,704
KING'S COLLEGE LONDON 2,970,574
KINLEN, PATRICK J. 2,966,773
KIRCHHOFER, ROGER 2,970,624
KIRCHHOFER, ROGER 2,970,625
KIRCHHOFER, ROGER 2,970,634
KIRCHHOFER, ROGER 2,970,674
KIRMOYAN, MARC 2,967,557
KIRVESKARI, JUHA 2,971,529
KIRWAN, ANTHONY 2,970,742
KLATTIG, JURGEN 2,970,759
KLEID, JACK JOSEPH 2,971,106
KLEPPA, ERLING 2,971,577
KLOC, AARON J. 2,964,772
KLOTZ, FRANCK 2,971,350
KLUG, PETER 2,970,417
KOBAYASHI, KUNIO 2,971,125
KOBUS, EDWARD 2,971,224
KOCH, SIMON 2,970,579
KODIAK NETWORKS, INC. 2,971,107
KODIAK NETWORKS, INC. 2,971,133
KODIAK NETWORKS, INC. 2,971,134
KOENIG, GERHARD 2,971,413
KOGER, KEITH A. 2,971,595
KOHLMANN, LARS 2,970,560
KOLB, JASON 2,969,452
KOLE, CHRISTO 2,970,748
KOMATSU LTD. 2,960,020
KONG, FANSHENG 2,971,114
KORTHAUER, MARCUS 2,971,239
KRAGH, LARS 2,971,188
KRAUS, DANIEL 2,970,579
KROMER, JENS 2,970,405
KRUGER, MARTIN 2,970,563
KUBO, MASAHIRO 2,971,368
KUBSCH, STEFAN 2,970,741
KUJAK, STEPHEN, A. 2,967,553
KULKARNI, RAHUL 2,967,464
KUMAR, RAVINDRA 2,964,808
KUNZ, PHILLIP JOHN 2,969,526
KUNZ, STEPHAN 2,970,736
KURARAY CO., LTD. 2,971,549
KURKELA, JAAKKO 2,971,529
KUROGI, NOBUYUKI 2,971,376
KUWAYAMA, TAKUYA 2,971,561
KWON, SOON AE 2,968,048
KYOYU AGRI CO., LTD. 2,971,552
KYOYU AGRI CO., LTD. 2,971,556
KYOYU AGRI CO., LTD. 2,971,562
KYOYU AGRI CO., LTD. 2,971,564
KYOYU AGRI CO., LTD. 2,971,569
KYOYU AGRI CO., LTD. 2,971,573
KYOYU AGRI CO., LTD. 2,971,581
LADVA, HEMANT KUMAR JETHALAL 2,967,934
LAJOIE, MARC 2,971,626
LAMBRECH, MATTHEW 2,971,427
LANDER, CYNTHIA 2,967,621
LANDROCK, PETER 2,969,493
LANGE, STEVEN 2,971,411
LANGER, ROBERT S. 2,971,626
LANT, NEIL JOSEPH 2,967,658
LARSEN, PHILIP JUST 2,971,204
LARSON, CRAIG 2,967,343
LAU, YONG FONG 2,971,572
LAVALLEY INDUSTRIES, LLC 2,967,343
LAVALLEY, JASON 2,967,343
LAVIRON, PHILIPPE 2,970,504
LAXAGUE, LAURENT 2,971,350
LAZAR, STEVE 2,971,597
LAZO ZAMALLOA, OXANA 2,971,392
LE-BRETON, FREDERIC 2,967,549
LEACOCK, JAMES R. 2,971,575
LECERF, BRUNO 2,967,934
LECERF, BRUNO 2,967,936
LECUYER, MARGAUD 2,967,918
LEE, ALFRED 2,971,088
LEE, CHAEWOON 2,971,024
LEE, CHAO HSU 2,971,320
LEE, GILNAM 2,971,024
LEE, JAE IL 2,971,024
LEE, JIN HWA 2,968,048
LEE, KI NAM 2,971,024
LEE, MI SOOK 2,968,048
LEE, MINWOO 2,971,024
LEE, YUNG-CHI 2,971,088
LEFEBVRE, DALE 2,971,115
LEMME, KARL 2,971,607
LENNOX INDUSTRIES INC. 2,971,597
LEONARD, CHRISTOPHER JEREMY 2,967,890
LERNER, MITCHELL 2,971,589
LESTRIEZ, BERNARD 2,967,918
LEVEILLARD, THIERRY 2,970,748
LEVEL 3 COMMUNICATIONS, LLC 2,971,182
LG FUEL CELL SYSTEMS INC. 2,966,838
LI, BOTONG 2,970,582
LI, CHENGBO 2,971,099
LI, HUI 2,970,741
LI, JUNZHONG 2,971,411
LI, JUNZHONG 2,971,416
LI, RENXIANG 2,971,176
LI, WEI 2,971,481
LI, XIAOBIN 2,971,583
LI, ZHIGANG 2,971,080
LIANG, HUIXING 2,971,484
LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD. 2,971,114
LIAO, KANG-SHYANG 2,967,755
LIEVENS, SERGE 2,967,462
LIFESCAN SCOTLAND LIMITED 2,970,581
LIFESCAN SCOTLAND LIMITED 2,970,737
LIKINS, J. DANIEL 2,971,119
LIN, JUE 2,971,169
LIN, MICHAEL W. 2,967,300
LIN, YONGHUI 2,971,486
LINDE AKTIENGESELLSCHAFT 2,970,559
LIQUET, DIMITRI 2,970,257
LITVINOV, VIKTOR VIKTOROVICH 2,971,387
LIU, JINTAO 2,971,482
LIU, JUN 2,960,982
LIU, SHENGHUI 2,971,485
LIU, ZICHENG 2,971,490
LIU-CHEN, SUSAN 2,967,851
LIUKAS, ILKKA 2,971,141
LLORET MADRID, JUAN JORGE 2,970,588
LOCKE, ROBERT BRIAN 2,965,477
LOCKLEAR, BRANDON C. 2,967,417
LODDING, THOMAS 2,970,736
LOGAN, JOHN 2,971,218
LOHR ELECTROMECANIQUE 2,967,726
LONG, DAVID N. 2,965,364
LORENZANA SAUCEDO, MARIO 2,971,553
LORENZANI, MAURO 2,970,588
LOVIKNES, BORRE 2,967,740
LOY, BRIAN 2,971,433
LSI SOLUTIONS, INC. 2,971,183
LU, DONGBIN 2,971,487
LU, IRIS 2,971,080
LU, XIANFENG 2,971,484
LU, YU 2,971,433
LUBCZYNSKI, PETER E. 2,959,230
LUCKS, SANDRA 2,970,560
LUI, GANG 2,965,982
LUMINET, PHILIPPE 2,970,555
LUO, DANHUI 2,967,320
LUO, HONG 2,971,114
LUO, HONGPENG 2,971,484
LUQUE VERA, SERGIO 2,971,320
LUQUE VERA, SERGIO 2,971,526
LURIA, GILAD 2,971,140
LUTZ, KARIN 2,969,761
LYNN, TIMOTHY R. 2,967,660
MA, HUIBIN 2,954,294
MA, JIANGLEI 2,971,230
MACKELVIE, WINSTON 2,967,911
MACKLE, ANTHONY 2,968,324
MAGNA INTERNATIONAL INC. 2,971,398
MANDELIS, ANDREAS 2,895,519
MANS, PAUL 2,971,403
MANZEI, JURGEN 2,970,706
MARINARO, WILLIAM ANTHONY, JR. 2,971,088
MAROZSAN, ANDRE 2,967,851
MARTEL, MATTHIEU 2,970,551
MARTIN, PHILIPPE L. 2,971,583
MARTINEZ GARCIA, MIGUEL ANGEL 2,970,703
MARTINEZ ROMERO, HUMBERTO 2,971,392
MARTINEZ ROMERO, RODRIGO 2,971,392
MARTYNOV, PETR NIKIFOROVICH 2,971,131

MARTYNOV, PETR NIKIFOROVICH 2,971,160
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,971,626
MASSARI, ROSSANO 2,970,581
MASSOF, ROBERT 2,971,163
MASTER LOCK COMPANY LLC 2,969,108
MATSUBARA, KEN 2,971,552
MATSUBARA, KEN 2,971,556
MATSUBARA, KEN 2,971,562
MATSUBARA, KEN 2,971,564
MATSUBARA, KEN 2,971,569
MATSUBARA, KEN 2,971,573
MATSUBARA, KEN 2,971,581
MCCLUSKEY, KEVIN M. 2,959,230
MCCONNELL, GREGORY D. 2,965,364
MCCREEDY, BRUCE 2,971,419
MCDANIEL, CATO RUSSELL 2,971,158
MCDONNELL, PETER 2,971,204
MCELHINNEY, ADAM 2,969,452
MCGRANE, RHIANNON EMRYS 2,971,170
MCKAY, BENJAMIN 2,970,034
MCRINER, ANDREW J. 2,971,413
MECH, MILENA 2,970,583
MECH, MILENA 2,970,584
MEHTA, ROCHAK 2,970,580
MERCK PATENT GMBH 2,954,681
MERCK PATENT GMBH 2,970,391
MERCK PATENT GMBH 2,970,394
MERCK SHARP & DOHME CORP. 2,971,088
MERIT MEDICAL SYSTEMS, INC. 2,969,110
MEYER, KEVIN G. 2,971,433
MEYER, PHILIPPE 2,970,410
MIAO, YU REBECCA 2,971,406
MICHEL, MATT 2,967,343
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,971,124
MICHELSEN, CLIVE 2,967,920
MICKEY, JOHN C. 2,967,302
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,355
MIKI, HIDEYUKI 2,971,026
MILLER, JAMES V. 2,971,602
MILLER, ROBERT J. 2,971,204
MILLS, MARK TREVOR 2,970,574
MILSTEIN, ABRAHAM 2,968,324
MIN, KYOUNG-MIN 2,968,041
MIN, KYOUNG-MIN 2,968,044
MIN, KYOUNG-MIN 2,968,050
MINAMOTO, NAOYA 2,971,549
MIRACLE, GREGORY SCOT 2,967,658
MIYAGI, TAKASHI 2,971,554
MIYAHARA, MASATOSHI 2,971,130
MIYAKADO, YUUKI 2,971,558
MIYAZAKI, TAKAO 2,971,558
MIYOSHI, KATSUHIRO 2,971,545
MIZUSHIMA, TORU 2,971,380
MOBIDIAG LTD 2,971,529
MOERAE MATRIX, INC. 2,967,621
MOHOS, JOSEPH F. 2,971,410
MONTI, KYLE 2,967,831
MONTOYA, ERNEST 2,959,230
MORIN, ALEXIS 2,967,557
MORITA, KENJI 2,971,376
MORPHOSYS AG 2,970,759
MORRISON, STEVEN PAUL 2,971,170
MORTON, JOSH 2,971,151
MOSHER, CHUCK 2,971,099
MOSKOVICH, ROBERT 2,970,622
MOSKOVICH, ROBERT 2,970,624
MOSKOVICH, ROBERT 2,970,625
MOSKOVICH, ROBERT 2,970,634
MOSKOVICH, ROBERT 2,970,674
MOSKOVICH, ROBERT 2,970,677
MOSKOVICH, ROBERT 2,970,708
MOTIVE DRILLING TECHNOLOGIES, INC. 2,967,324
MOTTOLA, JIM 2,969,110
MOUSAVI-ANIJDAN, HASHEM 2,967,464
MUESSIG, STEFAN 2,970,402
MUESSIG, STEFAN 2,970,407
MUESSIG, STEFAN 2,970,409
MULLICK, SANJOY 2,971,113
MUNCHKIN, INC. 2,970,656
MURPHY, JAMES EDWARD 2,967,642
MURUGANANDAM, NATARAJAN 2,967,660
MUTHUSAMY, RAMESH 2,971,157
MUTSCH, HOLGER JULIUS 2,969,784
MYERS, JERE W. 2,971,595
NAAMAN, OFER 2,968,847
NABB, JASON 2,971,575
NAKACHE, MARYLINE 2,970,412
NAKAZAWA, MASATOSHI 2,971,127
NAKAZAWA, YOSHIAKI 2,971,368
NATTER, ANDREAS 2,967,838
NEDOREZOV, ANDREY BORISOVICH 2,971,132
NEDOREZOV, ANDREY BORISOVICH 2,971,148
NEDOREZOV, ANDREY BORISOVICH 2,971,153
NEGALAGULI, HARISHA MAHABALESHWARA 2,971,107
NEGALAGULI, HARISHA MAHABALESHWARA 2,971,133
NEGALAGULI, HARISHA MAHABALESHWARA 2,971,134
NELLAIAPPAN, KALIAPPANADAR 2,971,440
NELSON, JONATHAN 2,970,737
NEUJAHR, GERD 2,970,403
NEVADA NEUROSURGERY 2,971,412
NEWMAN, AARON M. 2,971,129
NEWMAN, JOHN M. 2,967,837
NEWSOL TECHNOLOGIES INC. 2,971,232
NEXIMMUNE, INC 2,971,419
NEXT ISSUE MEDIA 2,971,218
NGUYEN, NGA H. 2,967,309
NGUYEN, NGA H. 2,967,334
NGUYEN, QUANG HUY 2,971,572
NI, XIAOJING 2,971,118
NIEDERHOFER, CARLA 2,971,427
NIEUWOUDT, IZAK 2,971,075
NIINO, MAKOTO 2,971,552
NIINO, MAKOTO 2,971,556
NIINO, MAKOTO 2,971,562
NIINO, MAKOTO 2,971,564
NIINO, MAKOTO 2,971,569
NIINO, MAKOTO 2,971,573
NIINO, MAKOTO 2,971,581
NIPPON CHEMIPHAR CO., LTD. 2,971,125
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,971,130
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,971,368
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,971,554
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,971,561
NISSAN CHEMICAL INDUSTRIES, LTD. 2,971,558
NITTI, SERGIO 2,967,639
NIU, JUNYING 2,971,485
NOE, SPENCER C. 2,968,055
NOLAN, DANIEL JOSEPH 2,971,439
NOLEN, BRAD 2,967,557
NOMURA, NARUHIKO 2,971,368
NORDENSTROM, HENRIK 2,970,583
NORDENSTROM, HENRIK 2,970,584
NORMAND, NICOLAS 2,970,551
NORTHAM, PAUL R. 2,967,813
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,968,847
NORTON (WATERFORD) LIMITED 2,970,742
NOVELIS INC. 2,967,298
NOVELIS INC. 2,967,464
NR ELECTRIC CO., LTD. 2,971,487
NTT DOCOMO, INC. 2,971,087
NUCELIS LLC 2,971,609
NUMATA, AKIRA 2,971,558
NUNES, GEORGE ITALO PITOMBEIRA 2,970,417
O'HAGAN, JAMES J. 2,969,076
O'NEILL, W. CHARLES 2,971,414
O'TOOLE, KEVIN 2,970,573
OBERNDORFER, OLIVER 2,970,579
OBERTHUR TECHNOLOGIES 2,969,495
ODA, YOSHIHIKO 2,971,381
OGAWA, MISAO 2,971,554
OJEDA PINEDA, MANUEL 2,970,558
OLENIK, BRITTA 2,970,563
OLESKE, PETER J. 2,971,595
OLSEN, TIVOLI 2,971,268
OMNI CONSUMER PRODUCTS, LLC 2,971,280
ONE WORLD CANNABIS LTD 2,971,144
ONG, FRANK SHAODE 2,970,402
ONG, FRANK SHAODE 2,970,407
ONG, FRANK SHAODE 2,970,409
OOTEN, DAVID MARK 2,960,289
ORBIS CORPORATION 2,971,403
ORIERE, STEPHANE 2,970,393
ORVEDAHL, DONNA S. 2,971,472

OSTUNI, RAFFAELE 2,970,395
OTSUKA, KENICHIRO 2,971,368
OULD DELLAHY, ISSELMOU 2,971,176
PADMANI, BHAVESH S. 2,969,451
PAEZ, CARLOS 2,970,257
PAGANO FLORES, SILVIA MARINA 2,968,918
PALTI, YORAM 2,970,753
PAN, HAO 2,971,491
PAN, WEIMING 2,971,487
PAPE, SIMON 2,970,560
PAPONETTI, RICHARD 2,970,402
PARADISE HEALTH, INC. 2,971,106
PARISH, DAVID WARREN 2,970,503
PARKER, GLEN C. 2,967,434
PARKS, PAUL A. 2,959,230
PARSONS, BRENDAN 2,971,229
PASETA MARTINEZ, LORENA 2,970,572
PATEL, KRISHNAKANT M. 2,971,107
PATEL, KRISHNAKANT M. 2,971,133
PATEL, KRISHNAKANT M. 2,971,134
PATEL, LISA 2,970,578
PATERSON, ALEXANDER 2,970,558
PATTERSON, HUBERT A. 2,965,477
PELED, SAGI 2,971,140
PENG, YONG 2,971,114
PEQUENO, R. ERIC 2,967,417
PERALTA, CARMEN 2,970,751
PERRARD, MARIE-HELENE 2,971,623
PETERSON, BRIAN 2,971,602
PETERSON, GREGORY WAYNE 2,967,400
PETROLEUM TECHNOLOGY COMPANY AS 2,971,577
PHAN, LUCY 2,971,091
PHARMACYCLICS LLC 2,971,460
PHILIP MORRIS PRODUCTS S.A. 2,970,401
PHILIP MORRIS PRODUCTS S.A. 2,970,843
PICPOCKET, INC. 2,971,254
PIEPER, MICHAEL 2,970,741
PILAREK, FRANK-OLIVER 2,970,405
PIMCO 2664 LIMITED 2,970,578
PLUM, STACY 2,971,359
POBER, KENNETH WILLIAM 2,971,588
POIZOT, PHILIPPE 2,967,918
POLOMOSCANIK, STEVEN C. 2,971,204
POOSALA, VISWANATH 2,971,154
POPLAWSKY, RALPH CHARLES 2,970,503
POPOV, VYACHESLAV VASIL'EVICH 2,971,387
POTOCKI, JOHN R. 2,971,398
POWERCELL SWEDEN AB 2,967,940
POWERCELL SWEDEN AB 2,967,942
POWERS, RICHARD M. 2,967,302
POZZI, EMANUELE 2,970,581
PRAT, ALEXANDRE 2,971,364
PRAYON 2,970,257
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,971,626
PROMETIC BIO THERAPEUTICS, INC. 2,971,359
PROTONEX TECHNOLOGY CORPORATION 2,965,364
PURUS PLASTICS GMBH 2,970,706
PYE, PHILIP 2,971,460
Q-LINKS HOME AUTOMATION INC. 2,971,467
QIAN, ZHEN 2,971,482
QINTERRA TECHNOLOGIES AS 2,971,567
QUALITAS MANUFACTURING INCORPORATED 2,971,602
QUANTUM DENTAL TECHNOLOGIES INC. 2,895,519
QUARTIERO, FRANK 2,971,074
QUATANNENS, MICHAEL L. 2,971,427
QUIMICA ROSMAR, S.A. DE C.V. 2,971,392
QUINN, ANTHONY 2,971,414
QUIRKE, DAN 2,969,493
R BIO CO., LTD. 2,968,048
R.A. INVESTMENT MANAGEMENT S.A.R.L. 2,967,911
RA, JEONG CHAN 2,968,048
RADOJCIC, VERA 2,967,462
RAN, SHAOFENG 2,967,848
RAN, SHAOFENG 2,967,849
RAPPARINI, GINO 2,971,072
RAUCH, PETER J. 2,967,434
RAVA, RICHARD P. 2,970,501
RAYON, JEAN-LUC 2,970,154
REEVES, E. DUER 2,967,302
RENAUD, FRANCIS 2,971,228
RESANO ARTALEJO, FERNANDO JOSE 2,970,405
REVOL, MARC 2,970,504
REYNOLDS, JOHN SHERWOOD 2,971,182
RICHARDSON, ADAM 2,966,084
RICHARDSON, ADAM 2,967,624
RIDEOUT, JAN 2,966,084
RIDEOUT, JAN 2,967,624
RIERA GINER, MONTSERRAT 2,971,523
RINALDI, GIANLUCA 2,970,577
RINNERT, THORSTEN 2,965,659
RIZZI, ANDREA 2,970,664
ROBITAILLE, MARTIN 2,971,359
ROCKS, SALLY 2,971,222
ROCKS, SALLY 2,971,352
ROCKWOOL INTERNATIONAL A/S 2,970,414
RODDER, BERND 2,970,631
RODGERS, RICHARD P. 2,971,215
RODGERS, RICHARD P. 2,971,434
ROHM AND HAAS COMPANY 2,971,482
ROMERO OROZCO, ROSA MARGARITA 2,971,392
ROOKS, KATHY E. 2,971,277
RORKE, GARY VERNON 2,971,223
ROSENBERG, ALON 2,968,324
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,970,736
ROSSITER, GUILLERMO 2,971,583
ROTATION MEDICAL, INC. 2,965,853
ROY, SAYANTAN 2,967,386
RUPP, WINFRIED 2,969,784
RUSANOV, ALEKSANDR EVGEN'EVICH 2,971,387
RUSSELL, BARBARA 2,971,161
RYAN, KYLE J. 2,959,230
SADANA, ANIL 2,967,386
SADOVNICHIY, ROMAN PETROVICH 2,971,131
SADOVNICHIY, ROMAN PETROVICH 2,971,160
SAHEL, JOSE-ALAIN 2,970,748
SAINT-GOBAIN GLASS FRANCE 2,966,806
SAINT-GOBAIN PLACO SAS 2,966,084
SAINT-GOBAIN PLACO SAS 2,967,624
SAINTELLEMY, FRANTZ 2,971,467
SAITO, DAISUKE 2,971,125
SAKAI, ATSUSHI 2,971,127
SALGADO-ORDORICA, MARIO A. 2,967,464
SALMELA, JUHA 2,971,637
SAMA, ANSHUL 2,969,415
SAMET KALIP VE MADEN ESYA SAN. VE TIC. A.S. 2,970,631
SANCHEZ DE LA TORRE, ALICIA 2,970,703
SANCHEZ DE LA TORRE, MANUEL 2,970,703
SANCHEZ FERNANDEZ, LUCIA DEL CARMEN 2,971,565
SANDOR, MAGDALENA TRAICO 2,971,158
SANDU, CORINA 2,967,654
SANDVIK INTELLECTUAL PROPERTY AB 2,970,583
SANDVIK INTELLECTUAL PROPERTY AB 2,970,584
SANTERRE, J. PAUL 2,971,113
SANUVOX TECHNOLOGIES INC. 2,971,014
SARD, HOWARD P. 2,964,463
SARGENT & GREENLEAF, INC. 2,971,190
SASTRY, SISTA SARADA 2,968,855
SATO, GANJI 2,970,325
SAUER, JUDE S. 2,971,183
SAVARY, DAVID JEAN LUCIEN 2,970,518
SAVATSKY, BRUCE J. 2,967,416
SAVATSKY, BRUCE J. 2,967,417
SAVATSKY, BRUCE J. 2,967,660
SAWADA, HIROMI 2,971,378
SAXTON, MATTHEW JOSEPH 2,970,656
SAYLER, TODD S. 2,967,848
SAYLER, TODD S. 2,967,849
SCHAAL, PIERRE YVES 2,971,350
SCHAEDE, JOHANNES GEORG 2,965,451
SCHERL, FRANZ-XAVER 2,970,417
SCHLAGBAUM, ANTHONY A. 2,970,409
SCHLUMBERGER CANADA LIMITED 2,967,934

SCHLUMBERGER CANADA LIMITED 2,967,936
SCHMIDT, THORSTEN 2,971,204
SCHNEIDER, PIERRE 2,970,212
SCHOBER, ROBERT C. 2,971,119
SCHOLZ, MATTHEW REIN 2,971,430
SCHOMAKER, ELWIN 2,970,432
SCHOW, STEVEN R. 2,971,279
SCHUETZ, ROBERT 2,969,761
SCHUILENBURG NV 2,967,743
SCHULTZ, KENNETH, J. 2,967,553
SCHURDAK, ERIC ROBERT 2,965,659
SCHWARTZ MONIQUE, MICHELE 2,968,324
SCHWEND, AUSTEN MORGAN 2,967,400
SCOPERTA, INC. 2,971,202
SEEMANN, ANTJE 2,970,747
SEGNUT PTY LTD 2,971,221
SEIKO EPSON CORPORATION 2,971,127
SEILER, PAUL 2,970,409
SEKHON, LALI 2,971,412
SELANE PRODUCTS, INC. 2,971,448
SENDA, KUNIHIRO 2,971,381
SEO, JEONGBEOB 2,971,024
SERAFIN, DANIEL JOHN 2,970,503
SETLUR, ANANT ACHYUT 2,967,642
SETTI NAGASWAMY SRINIVASAN, BHARAT RAM 2,971,107
SHAFER, GREGORY J. 2,967,848
SHAFER, GREGORY J. 2,967,849
SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD. 2,971,118
SHAREL, ARMON R. 2,971,626
SHARPLIN, NIGEL JAMES 2,971,170
SHATKIN, TODD E. 2,971,384
SHELEMETEV, VASILIY MIKHAYLOVICH 2,971,160
SHELEMETYEV, VASILIY MIHAILOVICH 2,971,131
SHEN, LUOKUN 2,971,236
SHEN, QIANG 2,971,226
SHEN, QIANG 2,971,236
SHEN, QIANG 2,971,495
SHEN, SIDA 2,971,118
SHEN, YINGFENG 2,971,637
SHEPHERD, IAIN JAMES 2,971,423
SHI, LIANYONG 2,971,484
SHI, QING 2,971,490
SHI, XINXIN 2,971,491
SHIMIZU, RYOSUKE 2,971,549
SHIMIZU, TOMOYA 2,971,378
SHIN, HYUN-OH 2,969,835
SHINEWAY PHARMACEUTICAL GROUP LTD. 2,971,080
SHIRLEY, NATE 2,969,110
SHUMWAY, WILLIAM W. 2,971,158
SHUMWAY, WILLIAM WALTER 2,971,588
SI ENERGY COMPANY LIMITED 2,971,379
SIDEBOTTOM, LEE 2,971,229
SIDOROV, ALEKSANDR STALEVICH 2,971,132
SIDOROV, ALEKSANDR STALEVICH 2,971,148
SIDOROV, ALEKSANDR STALEVICH 2,971,153
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,971,351
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,971,389
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,971,422
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,971,472
SILTALA, TIMO 2,968,303
SILVA, BRIAN 2,969,452
SILVERTOWN, JOSHUA D. 2,895,519
SIMON GAUDO, ELENA 2,970,572
SINAI, ALON 2,971,144
SINGH, VIRENDRA 2,968,855
SISTA, SRINIVAS PRASAD 2,967,642
SIVA, JOHN 2,967,767
SIVAGURUNATHAN, KONESWARAN 2,895,519
SKURIKHINA, LYUDMILA VASIL'EVNA 2,971,387
SLIVNIK, TOMAZ 2,971,535
SLURRY SOLUTIONS INC. 2,971,470
SMART MEDICAL SYSTEMS LTD. 2,971,140
SMETS, JOHAN 2,967,658
SMITH, DAVID BERNARD 2,970,996
SMITH, GORDON 2,971,575
SMITH, JAMES C. 2,970,409
SMITH, JAMES CURTIS 2,970,402
SMITH, JAMES CURTIS 2,970,407
SMITH, JANE 2,970,584
SMITH, MICHAEL R. 2,971,273
SMITH, SCOTT ANDREW 2,971,583
SMITH, STEPHEN ALLAN 2,970,578
SMYTH, MARK S. 2,971,460
SNOOZEAL LIMITED 2,969,415
SO, CHRISTOPHER 2,964,463
SOLIMAN, TARIK 2,964,463
SOLLIQ AB 2,967,920
SOLVAY SA 2,970,518
SOS-MUNOZ, VICENT 2,971,451
SOUNDARARAJAN, ARAVIND 2,968,855
SOURDRILLE, ARNAUD 2,969,495
SPARKES, JOANNA 2,966,084
SPARKES, JOANNA 2,967,624
SPIECKER, P. MATTHEW 2,967,300
SPINNOVA OY 2,971,637
SPRINGER, BRIAN L. 2,971,595
SRI GOPALA KRISHNA MURTHI, SANKARA SUBRAMANIAN 2,970,582
SRI INTERNATIONAL 2,971,408
STANDLEY, ADAM R. 2,971,440
STARKE, JOHANNES 2,970,579
STAUB, RICHARD 2,971,411
STAUB, RICHARD 2,971,416
STEFENACK, IAN 2,971,407
STELLA, EROS 2,970,154
STEPHENS, LOGAN ALEXANDER 2,971,170
STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND 2,970,413
STOROZHENKO, ALEXSEY NIKOLAEVICH 2,971,131
STOROZHENKO, ALEXSEY NIKOLAEVICH 2,971,160
STORZ, JOACHIM 2,970,624
STORZ, JOACHIM 2,970,625
STORZ, JOACHIM 2,970,634
STORZ, JOACHIM 2,970,674
STORZ, JOACHIM 2,970,676
STORZ, JOACHIM 2,970,708
STROMBERG, CHRISTIAN 2,970,405
STUBER, MICHAEL T. GARRISON 2,968,506
SUL, HYE-YOUNG 2,968,041
SUL, HYE-YOUNG 2,968,044
SUL, HYE-YOUNG 2,968,050
SUMELIUS, JAN 2,971,143
SUN, YINGHUI 2,971,114
SUN, ZHAOHUI 2,971,178
SUNG, SOON-KEE 2,967,935
SURAGANI, NAGA VENKATA SAI RAJASEKHAR 2,964,808
SUSAVION BIOSCIENCES, INC. 2,971,471
SUTCLIFFE, PETER 2,969,110
SUTTON, JONATHAN MARK 2,970,664
SUZUKI, TAMOTSU 2,971,545
SUZUKI, TOSHIYA 2,971,368
SWOPE, KELSI 2,971,151
SYMINGTON, WILLIAM A. 2,967,300
SYNERGIA MEDICAL 2,970,400
SYNTHETIC GENOMICS, INC. 2,971,205
TABIBIAZAR, RAYMOND 2,971,406
TAKAHASHI, KENZO 2,971,551
TAKEMOTO, TADASHI 2,971,379
TALLARIDA, STEVEN J. 2,971,215
TALLARIDA, STEVEN J. 2,971,434
TANAKA, HIROTO 2,971,125
TANAKA, YASUHARU 2,971,554
TANG, DEPING 2,954,294
TASER INTERNATIONAL, INC. 2,964,772
TECHNOLOGICAL RESOURCES PTY LTD 2,971,075
TEISSIER, PHILIPPE 2,970,476
TELOMERE DIAGNOSTICS, INC. 2,971,169
TERLIUC, GAD 2,971,140
TESHIMA, KUNIHIKO 2,971,087
TGOMA NZ LIMITED 2,971,170
THALES 2,970,412
THALES 2,970,504
THANNBERGER, ROGER 2,970,412
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,971,406
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNOR UNIVERSITY 2,971,129

THE BOEING COMPANY 2,966,773
THE GILLETTE COMPANY LLC 2,969,761
THE LUBRIZOL CORPORATION 2,967,309
THE LUBRIZOL CORPORATION 2,967,334
THE PROCTER & GAMBLE COMPANY 2,960,289
THE PROCTER & GAMBLE COMPANY 2,965,659
THE PROCTER & GAMBLE COMPANY 2,967,658
THE PROCTER & GAMBLE COMPANY 2,969,753
THE PROCTER & GAMBLE COMPANY 2,969,757
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,971,216
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,971,268
THOMSON LICENSING 2,970,741
THORENS, MICHEL 2,970,401
THORENS, MICHEL 2,970,843
THURLING, ANDREW JOSEPH 2,971,410
TICASS S.C.R.L. TECNOLOGIE INNOVATIVE PER IL CONTROLLO AMBIENTALE E LO SVILUPPO SOSTENIBILE 2,971,138
TIMM, FELIX 2,970,579
TIRCA-DRAGOMIRESCU, GEORGIANA 2,970,573
TODD, ROBERT EDMUND 2,969,057
TOFTEFORS, IDA 2,967,940
TOFTEFORS, IDA 2,967,942
TOMES, DAVID ALLEN, JR. 2,967,837
TORANG, CHRISTIAN 2,970,735
TORAY INDUSTRIES, INC. 2,971,545
TORCHALSKI, KARL 2,969,076
TORO, CARLO 2,960,289
TRAEGER PELLET GRILLS, LLC 2,962,832
TRAN, TRI D. 2,969,111
TRANE INTERNATIONAL INC. 2,967,553
TRANSLOGIC CORPORATION 2,970,503
TRANSOCEAN SEDCO FOREX VENTURES LIMITED 2,971,428
TREIBER, LASZLO 2,971,609
TREJO ESTRADA, SERGIO RUBEN 2,971,392
TRIMBOY, NEIL ADRIAN 2,971,170
TSUMURA, YOSHIHIRO 2,971,585
TSURUTA, TAKUO 2,971,549
TU, CHENGYU 2,971,467
TULADHAR, SUDERSAN 2,964,804
TURNER, ALAN CHARLES JOHN 2,971,423
TURNER, ZIV 2,971,144
TYCO FIRE & SECURITY GMBH 2,965,477
TYCO FIRE & SECURITY GMBH 2,967,320
UCHINO, TOORU 2,971,087
UCHIYAMA, HIROAKI 2,971,130
UESAKA, MASANORI 2,971,381
ULM, BRITTA KATHLEEN 2,969,708
UMLAUF, BENJAMIN J. 2,971,408
UNILEVER PLC 2,969,784
UNITED THERAPEUTICS CORPORATION 2,964,804
UNIVATION TECHNOLOGIES, LLC 2,967,416
UNIVATION TECHNOLOGIES, LLC 2,967,417
UNIVATION TECHNOLOGIES, LLC 2,967,660
UNIVERSIDADE FEDERAL DO ESPIRITO SANTO - UFES 2,966,650
UNIVERSITA' DEGLI STUDI DI GENOVA 2,971,138
UNIVERSITE CLAUDE BERNARD LYON 1 2,971,623
UNIVERSITE DE LIEGE 2,970,257
UNIVERSITE DE NANTES 2,967,918
UNIVERSITE DE PERPIGNAN VIA DOMITIA 2,970,551
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,970,748
UNIVERSITY OF HOUSTON SYSTEM 2,967,755
UPTAKE TECHNOLOGIES, INC. 2,969,452
USER-CENTRIC IP, L.P. 2,971,273
USISKIN, KEITH 2,971,583
USOVA, ZINAIDA YURIEVNA 2,967,934
USOVA, ZINAIDA YURIEVNA 2,967,936
VALE S.A. 2,966,650
VALEANT PHARMACEUTICALS INTERNATIONAL, INC. 2,971,224
VALENTINE, MATTHEW A. 2,969,451
VAN DALSEM, SIMON 2,968,324
VAN DER DRIFT, ABRAHAM 2,970,413
VAN DORE, JONATHAN P. 2,971,595
VAN ROOYEN, PIETER 2,971,589
VANDEGHINSTE, NICK ERNEST RENE 2,970,759
VANGUARD OIL TOOLS & SERVICES LLC 2,967,740
VASCONCELOS, RENATA ELIANE FRANK 2,966,650
VEIS, ROBIN 2,971,448
VEMPATI, BRAHMANANDA R. 2,971,107
VEMPATI, BRAHMANANDA R. 2,971,133
VEMPATI, BRAHMANANDA R. 2,971,134
VENDT, STEPHEN J. 2,971,597
VENKATARAMAN, RAMAKRISHNAN 2,971,427
VERDIER, LAURENT 2,967,726
VERINATA HEALTH, INC. 2,970,501
VERNAU, G. DOUGLAS 2,971,595
VERNER, ERIK J. 2,971,460
VERRICA PHARMACEUTICALS, INC. 2,971,279
VERSAGO VASCULAR ACCESS, INC. 2,971,215
VERSAGO VASCULAR ACCESS, INC. 2,971,434
VICKERS, THOMAS M., JR. 2,970,409
VICKTORIUS, WINFRIED 2,971,239
VIERAITIS, DAVID J. 2,967,813
VIOLETTA, BRADLEY K. 2,970,409
VISIONIZE CORP. 2,971,163
VOLKOV, ARSEN 2,963,332
VON SCHUCKMANN, ALFRED 2,970,399
VREUGDENHIL, BEREND JOOST 2,970,413
W.L. GORE & ASSOCIATES GMBH 2,967,848
W.L. GORE & ASSOCIATES GMBH 2,967,849
W.L. GORE & ASSOCIATES, INC. 2,967,848
W.L. GORE & ASSOCIATES, INC. 2,967,849
W.L. GORE & ASSOCIATES, INC. 2,967,866
WAGNER, DANIEL J. 2,964,772
WAGUESPACK, KENNETH 2,970,624
WAGUESPACK, KENNETH 2,970,625
WAGUESPACK, KENNETH 2,970,634
WAGUESPACK, KENNETH 2,970,674
WAGUESPACK, KENNETH 2,970,677
WAGUESPACK, KENNETH 2,970,708
WALSH, DAVID A. 2,964,804
WALTERS, TOM 2,971,352
WANG, ALEXANDER 2,967,755
WANG, GANG 2,959,230
WANG, GUANGYI 2,970,996
WANG, JUNSHENG 2,971,487
WANG, MIN 2,971,491
WANG, SHANCHUN 2,971,114
WANG, WEIWEI 2,971,118
WANG, XIAOFENG 2,971,491
WANG, YONGFENG 2,971,484
WANG, YONGPING 2,971,487
WANG, ZHENGXI 2,971,487
WARREN, KEITH 2,970,573
WEATHERFORD TECHNOLOGY HOLDINGS, LLC. 2,967,813
WEBB, WILLIAM 2,971,149
WEBER, MICHAEL 2,970,741
WECHSLER, ANDREAS 2,970,624
WECHSLER, ANDREAS 2,970,625
WECHSLER, ANDREAS 2,970,634
WECHSLER, ANDREAS 2,970,674
WECHSLER, ANDREAS 2,970,676
WECHSLER, ANDREAS 2,970,708
WEISS, GREGORY A. 2,971,268
WELDON, BARTHOLOMEW 2,971,224
WELLS, MATTHEW JAMES 2,970,558
WERBLIN, FRANK 2,971,163
WEST, LAURA CATHERINE 2,969,708

WESTLING, THOMAS A.	2,965,853
WHITE, JAMES D.	2,971,607
WIESE, WELF BURKHARD	2,970,747
WILLIAMS, CALVIN JOHN LLEWELYN	2,969,104
WILMES, JOEL	2,967,324
WINDERL, DANIEL J.	2,971,629
WINDGAP MEDICAL, INC.	2,971,440
WISE, JOHN W.	2,971,451
WOLFF, PETER	2,971,239
WOLLENBERG, KURT F.	2,967,309
WOLLENBERG, KURT F.	2,967,334
WONG, BONNY	2,895,519
WU, XIANGYANG	2,954,294
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